

**CHAPTER 33-24-08**  
**TECHNICAL STANDARDS AND CORRECTIVE ACTION REQUIREMENTS FOR**  
**OWNERS AND OPERATORS OF UNDERGROUND STORAGE TANKS**

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### **33-24-08-01. Applicability (technical standards and corrective action).**

1. The requirements of this chapter apply to all owners and operators of an underground storage tank system as defined in section 33-24-08-03, except as otherwise provided in subsections 2, 3, and 4. Any underground storage tank system listed in subsection 3 must meet the requirements of section 33-24-08-02.
2. The following underground storage tank systems are excluded from the requirements of this chapter:
  - a. Any underground storage tank system holding hazardous wastes listed or identified under North Dakota Century Code chapter 20-20.3, or a mixture of such hazardous waste and other regulated substances;
  - b. Any wastewater treatment tank system that is part of a wastewater treatment facility regulated under section 402 or 307(b) of the Clean Water Act;
  - c. Equipment or machinery that contains regulated substances for operational purposes such as hydraulic lift tanks and electrical equipment tanks;
  - d. Any underground storage tank system whose capacity is one hundred ten gallons [416.39 liters] or less;

- e. Any underground storage tank system that contains a de minimus concentration of regulated substances; or
  - f. Any emergency spill or overflow containment underground storage tank system that is expeditiously emptied after use.
3. Deferrals. Sections 33-24-08-10 through 33-24-08-43 and sections 33-24-08-60 through 33-24-08-64 do not apply to any of the following types of underground storage tank systems:
- a. Wastewater treatment tank systems;
  - b. Any underground storage tank systems containing radioactive material that are regulated under the Atomic Energy Act of 1954 [42 U.S.C. 2011 and following];
  - c. Any underground storage tank system that is part of an emergency generator system at nuclear power generation facilities regulated by the nuclear regulatory commission under 10 CFR part 50, appendix A;
  - d. Airport hydrant fuel distribution systems; and
  - e. Underground storage tank systems with field-constructed tanks.
4. Deferrals. Sections 33-24-08-30 through 33-24-08-35 do not apply to any underground storage tank system that stores fuel solely for use by emergency power generators.

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**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-02. Interim prohibition for deferred underground storage tank systems.**

- 1. No person may install an underground storage tank system listed in subsection 3 of section 33-24-08-01 for the purpose of storing regulated substances unless the underground storage tank system (whether of single-wall or double-wall construction):
  - a. Will prevent releases due to corrosion or structural failure for the operational life of the underground storage tank system;
  - b. Is cathodically protected against corrosion, constructed of noncorrodible material, steel clad with a noncorrodible material, or designed in a manner to prevent the release or threatened release of any stored substance; and

- c. Is constructed or lined with material that is compatible with the stored substance.
2. Notwithstanding subsection 1, an underground storage tank system without corrosion protection may be installed at a site that is determined by a corrosion expert not to be corrosive enough to cause it to have a release due to corrosion during its operating life. Owners and operators must maintain records that demonstrate compliance with the requirements of this subsection for the remaining life of the tank. (NOTE: The National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems," may be used as guidance for complying with this subsection.)

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### **33-24-08-03. Definitions (technical standards and corrective action).**

1. "Aboveground release" means any release to the surface of the land or to surface water. This includes, but is not limited to, releases from the aboveground portion of an underground storage tank system and aboveground releases associated with overfills and transfer operations as the regulated substance moves to or from an underground storage tank system.
2. "Ancillary equipment" means any devices including, but not limited to, such devices as piping, fittings, flanges, valves, and pumps used to distribute, meter, or control the flow of regulated substances to and from an underground storage tank.
3. "Belowground release" means any release to the subsurface of the land and the ground water. This includes, but is not limited to, releases from the belowground portions of an underground storage tank system and belowground releases associated with overfills and transfer operations as the regulated substance moves to or from an underground storage tank.
4. "Beneath the surface of the ground" means beneath the ground surface or otherwise covered with earthen materials.
5. "Cathodic protection" is a technique to prevent corrosion of a metal surface by making that surface the cathode of an electrochemical cell. For example, a tank system can be cathodically protected through the application of either galvanic anodes or impressed current.
6. "Cathodic protection tester" means a person who can demonstrate an understanding of the principles and measurements of all common

types of cathodic protection systems as applied to buried or submerged metal piping and tank systems. At a minimum, such persons must have education and experience in soil resistivity, stray current, structure-to-soil potential, and component electrical isolation measurements of buried metal piping and tank systems.

7. "CERCLA" means the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended.
8. "Compatible" means the ability of two or more substances to maintain their respective physical and chemical properties upon contact with one another for the design life of the tank system under conditions likely to be encountered in the underground storage tank.
9. "Connected piping" means all underground piping including valves, elbows, joints, flanges, and flexible connectors attached to a tank system through which regulated substances flow. For the purpose of determining how much piping is connected to any individual underground storage tank system, the piping that joins two underground storage tank systems should be allocated equally between them.
10. "Consumptive use" with respect to heating oil means consumed on the premises.
11. "Corrosion expert" means a person who, by reason of thorough knowledge of the physical sciences and the principles of engineering and mathematics acquired by a professional education and related practical experience, is qualified to engage in the practice of corrosion control on buried or submerged piping systems and metal tanks. Such a person must be accredited or certified as being qualified by the national association of corrosion engineers or be a registered professional engineer who has certification or licensing that includes education and experience in corrosion control of buried or submerged metal piping systems and metal tanks.
12. "Department" means the North Dakota state department of health and consolidated laboratories charged with the administration and enforcement of this chapter.
13. "Dielectric material" means a material that does not conduct direct electrical current. Dielectric coatings are used to electrically isolate underground storage tank systems from the surrounding soils. Dielectric bushings are used to electrically isolate portions of the underground storage tank system (e.g., tank from piping).
14. "Electrical equipment" means underground equipment that contains dielectric fluid that is necessary for the operation of equipment such as transformers and buried electrical cable.

15. "Excavation zone" means the volume containing the tank system and backfill material bounded by the ground surface, walls, and floor of the pit and trenches into which the underground storage tank system is placed at the time of installation.
16. "Existing tank system" means a tank system used to contain an accumulation of regulated substances or for which installation has commenced on or before December 22, 1988. Installation is considered to have commenced if:
  - a. The owner or operator has obtained all federal, state, and local approvals or permits necessary to begin physical construction of the site or installation of the tank system; and if,
  - b. Either, (1) a continuous onsite physical construction or installation program has begun, or (2) the owner or operator has entered into contractual obligations, which cannot be canceled or modified without substantial loss, for physical construction at the site or installation of the tank system to be completed within a reasonable time.
17. "Farm tank" is a tank located on a tract of land devoted to the production of crops or raising animals, including fish, and associated residences and improvements. A farm tank must be located on the farm property. "Farm" includes fish hatcheries, rangeland, and nurseries with growing operations.
18. "Flowthrough process tank" is a tank that forms an integral part of a production process through which there is a steady, variable, recurring, or intermittent flow of materials during the operation of the process. Flowthrough process tanks do not include tanks used for the storage of materials prior to their introduction into the production process or for the storage of finished products or byproducts from the production process.
19. "Free product" refers to a regulated substance that is present as a nonaqueous phase liquid (e.g., liquid not dissolved in water).
20. "Gathering lines" means any pipeline, equipment, facility, or building used in the transportation of oil or gas during oil or gas production or gathering operations.
21. "Hazardous substance underground storage tank system" means an underground storage tank system that contains a hazardous substance defined in section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (but not including any substance regulated as a hazardous waste under subtitle C) or any mixture of such substances and petroleum, and which is not a petroleum underground storage tank system.

22. "Heating oil" means petroleum that is No. 1, No. 2, No. 4-light, No. 4-heavy, No. 5-light, No. 5-heavy, and No. 6 technical grades of fuel oil; other residual fuel oils (including navy special fuel oil and bunker c); and other fuels when used as substitutes for one of these fuel oils. Heating oil is typically used in the operation of heating equipment, boilers, or furnaces.
23. "Hydraulic lift tank" means a tank holding hydraulic fluid for a closed-loop mechanical system that uses compressed air or hydraulic fluid to operate lifts, elevators, and other similar devices.
24. "Liquid trap" means sumps, well cellars, and other traps used in association with oil and gas production, gathering, and extraction operations (including gas production plants), for the purpose of collecting oil, water, and other liquids. These liquid traps may temporarily collect liquids for subsequent disposition or reinjection into a production or pipeline stream, or may collect and separate liquids from a gas stream.
25. "Maintenance" means the normal operational upkeep to prevent an underground storage tank system from releasing product.
26. "Motor fuel" means petroleum or a petroleum-based substance that is motor gasoline, aviation gasoline, No. 1 or No. 2 diesel fuel, or any grade of gasohol, and is typically used in the operation of a motor engine.
27. "New tank system" means a tank system that will be used to contain an accumulation of regulated substances and for which installation has commenced after December 22, 1988. (See also "existing tank system".)
28. "Noncommercial purposes" with respect to motor fuel means not for resale.
29. "On the premises where stored" with respect to heating oil means underground storage tank systems located on the same property where the stored heating oil is used.
30. "Operational life" refers to the period beginning when installation of the tank system has commenced until the time the tank system is properly closed under sections 33-24-08-60 through 33-24-08-64.
31. "Operator" means any person in control of, or having responsibility for, the daily operation of the underground storage tank system.
32. "Overfill release" is a release that occurs when a tank is filled beyond its capacity, resulting in a discharge of the regulated substance to the environment.



33. "Owner" means:
- a. In the case of an underground storage tank system in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank system used for storage, use, or dispensing of regulated substances; and
  - b. In the case of any underground storage tank system in use before November 8, 1984, but no longer in use on that date, any person who owned such underground storage tank immediately before the discontinuation of its use.
34. "Person" means an individual, trust, firm, joint stock company, federal agency, corporation, state, municipality, commission, political subdivision of a state, or any interstate body. "Person" also includes a consortium, a joint venture, a commercial entity, and the United States government.
35. "Petroleum underground storage tank system" means an underground storage tank system that contains petroleum or a mixture of petroleum with de minimus quantities of other regulated substances. Such systems include those containing motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.
36. "Pipe" or "piping" means a hollow cylinder or tubular conduit that is constructed of nonearthen materials.
37. "Pipeline facilities (including gathering lines)" are new and existing pipe rights of way and any associated equipment, facilities, or buildings.
38. "Regulated substance" means:
- a. Any substance defined in section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980 (but not including any substance regulated as a hazardous waste under North Dakota Century Code chapter 23-20.3; and
  - b. Petroleum, including crude oil or any fraction thereof that is liquid at standard conditions of temperature and pressure (sixty degrees Fahrenheit [10 degrees Celsius] and fourteen and seven-tenths pounds per square inch [101.3 kilopascals] absolute). The term "regulated substance" includes, but is not limited to, petroleum and petroleum-based substances comprised of a complex blend of hydrocarbons derived from crude oil through processes of separation, conversion, upgrading, and finishing, such as motor fuels, jet fuels, distillate fuel oils, residual fuel oils, lubricants, petroleum solvents, and used oils.

- 39. "Release" means any spilling, leaking, emitting, discharging, escaping, leaching, or disposing from an underground storage tank into ground water, surface water, or subsurface soils.
- 40. "Release detection" means determining whether a release of a regulated substance has occurred from the underground storage tank system into the environment or into the interstitial space between the underground storage tank system and its secondary barrier or secondary containment around it.
- 41. "Repair" means to restore a tank or underground storage tank system component that has caused a release of product from the underground storage tank system.
- 42. "Residential tank" is a tank located on property used primarily for dwelling purposes.
- 43. "SARA" means the Superfund Amendments and Reauthorization Act of 1986.
- 44. "Septic tank" is a watertight covered receptacle designed to receive or process, through liquid separation or biological digestion, the sewage discharged from a building sewer. The effluent from such receptacle is distributed for disposal through the soil and settled solids and scum from the tank are pumped out periodically and hauled to a treatment facility.
- 45. "Storm water or wastewater collection system" means piping, pumps, conduits, and any other equipment necessary to collect and transport the flow of surface water runoff resulting from precipitation, or domestic, commercial, or industrial wastewater to and from retention areas or any areas where treatment is designated to occur. The collection of storm water and wastewater does not include treatment except where incidental to conveyance.
- 46. "Surface impoundment" is a natural topographic depression, manmade excavation, or diked area formed primarily of earthen materials (although it may be lined with manmade materials) that is not an injection well.
- 47. "Tank" is a stationary device designed to contain an accumulation of regulated substances and constructed of nonearthen materials (e.g., concrete, steel, plastic) that provide structural support.
- 48. "Underground area" means an underground room, such as a basement, cellar, shaft, or vault, providing enough space for physical inspection of the exterior of the tank situated on or above the surface of the floor.
- 49. "Underground release" means any belowground release.

50. "Underground storage tank" means any one or combination of tanks (including underground pipes connected thereto) that is used to contain an accumulation of regulated substances, and the volume of which (including the volume of underground pipes connected thereto) is ten percent or more beneath the surface of the ground. This term does not include any:
- a. Farm or residential tank of one thousand one hundred gallons [4163.94 liters] or less capacity used for storing motor fuel for noncommercial purposes;
  - b. Tank used for storing heating oil for consumptive use on the premises where stored;
  - c. Septic tank;
  - d. Pipeline facility (including gathering lines) regulated under:
    - (1) The Natural Gas Pipeline Safety Act of 1968 [49 U.S.C. App. 1671, et seq.];
    - (2) The Hazardous Liquid Pipeline Safety Act of 1979 [49 U.S.C. App. 2001, et seq.]; or
    - (3) Which is an intrastate pipeline facility regulated under state laws comparable to the provisions of the law referred to in paragraph 1 or 2 of this subdivision;
  - e. Surface impoundment, pit, pond, or lagoon;
  - f. Storm water or wastewater collection system;
  - g. Flowthrough process tank;
  - h. Liquid trap or associated gathering lines directly related to oil or gas production and gathering operations; or
  - i. Storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

The term "underground storage tank" does not include any pipes connected to any tank which is described in subdivisions a through i on this subsection.

51. "Underground storage tank system" or "tank system" means an underground storage tank, connected underground piping, underground ancillary equipment, and containment system, if any.

52. "Upgrade" means the addition or retrofit of some systems such as cathodic protection, lining, or spill and overfill controls to improve the ability of an underground storage tank system to prevent the release of product.
53. "Wastewater treatment tank" means a tank that is designed to receive and treat an influent wastewater through physical, chemical, or biological methods.

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**33-24-08-04. [Reserved]**

**33-24-08-05. [Reserved]**

**33-24-08-06. [Reserved]**

**33-24-08-07. [Reserved]**

**33-24-08-08. [Reserved]**

**33-24-08-09. [Reserved]**

**33-24-08-10. Performance standards for new underground storage tank systems.** In order to prevent releases due to structural failure, corrosion, or spills and overfills for as long as the underground storage tank system is used to store regulated substances, all owners and operators of new underground storage tank systems must meet the following requirements:

1. **Tanks.** Each tank must be properly designed and constructed, and any portion underground that routinely contains product must be protected from corrosion, in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory as specified below:
  - a. The tank is constructed of fiberglass-reinforced plastic (NOTE: The following industry codes may be used to comply with this subdivision: Underwriters Laboratory Standard 1316, "Standard for Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products"; Underwriters Laboratories of Canada CAN4-S615-M83, "Standard for Reinforced Plastic Underground Tanks for Petroleum Products"; or American Society of Testing and Materials Standard D4021-86, "Standard Specification for Glass-Fiber-Reinforced Polyester Underground Petroleum Storage Tanks.");

- b. The tank is constructed of steel and cathodically protected in the following manner:
  - (1) The tank is coated with a suitable dielectric material;
  - (2) Field-installed cathodic protection systems are designed by a corrosion expert;
  - (3) Impressed current systems are designed to allow determination of current operating status as required in subsection 3 of section 33-24-08-21; and
  - (4) Cathodic protection systems are operated and maintained in accordance with section 33-24-08-21 or according to guidelines established by the department (NOTE: The following codes and standards may be used to comply with this subdivision: Steel Tank Institute "Specification for STI-P3 System of External Corrosion Protection of Underground Steel Storage Tanks"; Underwriters Laboratories Standard 1746, "Corrosion Protection Systems for Underground Storage Tanks"; Underwriters Laboratories of Canada CAN4-S603-M85, "Standard for Steel Underground Tanks for Flammable and Combustible Liquids", and CAN4-G03.1-M85, "Standard for Galvanic Corrosion Protection Systems for Underground Tanks for Flammable and Combustible Liquids", and CAN4-S631-M84, "Isolating Bushings for Steel Underground Tanks Protected with Coatings and Galvanic Systems"; or National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems", and Underwriters Laboratories Standard 58, "Standard for Steel Underground Tanks for Flammable and Combustible Liquids".);
- c. The tank is constructed of a steel-fiberglass-reinforced-plastic composite (NOTE: The following industry codes may be used to comply with this subdivision: Underwriters Laboratories Standard 1746, "Corrosion Protection Systems for Underground Storage Tanks", or the Association for Composite Tanks ACT-100, "Specification for the Fabrication of FRP Clad Underground Storage Tanks".)
- d. The tank is constructed of metal without additional corrosion protection measures provided that:
  - (1) The tank is installed at a site that is determined by a corrosion expert not be corrosive enough to cause it to have a release due to corrosion during its operating life; and

- (2) Owners and operators maintain records that demonstrate compliance with the requirements of paragraph 1 of this subdivision for the remaining life of the tank; or
  - e. The tank construction and corrosion protection are determined by the department to be designed to prevent the release or threatened release of any stored regulated substance in a manner that is no less protective of human health and the environment than subdivisions a through d.
2. **Piping.** The piping that routinely contains regulated substances and is in contact with the ground must be properly designed, constructed, and protected from corrosion in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory as specified below:
- a. The piping is constructed of fiberglass-reinforced plastic (NOTE: The following codes and standards may be used to comply with this subdivision: Underwriters Laboratories Subject 971, "UL Listed Non-Metal Pipe"; Underwriters Laboratories Standard 567, "Pipe Connectors for Flammable and Combustible and LP Gas"; Underwriters Laboratories of Canada Guide ULC-107, "Glass Fiber Reinforced Plastic Pipe and Fittings for Flammable Liquids"; and Underwriters Laboratories of Canada Standard CAN 4-S633-M81, "Flexible Underground Hose Connectors".)
  - b. The piping is constructed of steel and cathodically protected in the following manner:
    - (1) The piping is coated with a suitable dielectric material;
    - (2) Field-installed cathodic protection systems are designed by a corrosion expert;
    - (3) Impressed current systems are designed to allow determination of current operating status as required in subsection 3 of section 33-24-08-21; and
    - (4) Cathodic protection systems are operated and maintained in accordance with section 33-24-08-21 or guidelines established by the department (NOTE: The following codes and standards may be used to comply with this subdivision: National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code"; American Petroleum Institute Publication 1615, "Installation of Underground Petroleum Storage Systems"; American Petroleum Institute Publication 1632, "Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems"; and National Association of Corrosion Engineers Standard

RP-01-69, "Control of External Corrosion on Submerged Metallic Piping Systems".);

- c. The piping is constructed of metal without additional corrosion protection measures provided that:
  - (1) The piping is installed at a site that is determined by a corrosion expert to not be corrosive enough to cause it to have a release due to corrosion during its operating life; and
  - (2) Owners and operators maintain records that demonstrate compliance with the requirements of paragraph 1 for the remaining life of the piping (NOTE: National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code"; and National Association of Corrosion Engineers Standard RP-01-69, "Control of External Corrosion on Submerged Metallic Piping Systems", may be used to comply with this subdivision.);
- d. The piping construction and corrosion protection are determined by the department to be designed to prevent the release or threatened release of any stored regulated substance in a manner that is no less protective of human health and the environment than the requirements in subdivisions a through c.

**3. Spill and overfill prevention equipment.**

- a. Except as provided in subdivision b, to prevent spilling and overfilling associated with product transfer to the underground storage tank system, owners and operators must use the following spill and overfill prevention equipment:
  - (1) Spill prevention equipment that will prevent release of product to the environment when the transfer hose is detached from the fill pipe (for example, a spill catchment basin); and
  - (2) Overfill prevention equipment that will:
    - (a) Automatically shut off flow into the tank when the tank is no more than ninety-five percent full;
    - (b) Alert the transfer operator when the tank is no more than ninety percent full by restricting the flow into the tank or triggering a high-level alarm; or
    - (c) Restrict flow thirty minutes prior to overfilling, alert the operator with a high level alarm one minute before overfilling, or automatically shut off flow into the tank

so that none of the fittings located on top of the tank are exposed to product due to overfilling.

b. Owners and operators are not required to use the spill and overfill prevention equipment specified in subdivision a if:

(1) Alternative equipment is used that is determined by the department to be no less protective of human health and the environment than the equipment specified in paragraphs 1 and 2 of subdivision a; or

(2) The underground storage tank system is filled by transfers of no more than twenty-five gallons [94.63 liters] at one time.

4. **Installation.** All tanks and piping must be properly installed in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory and in accordance with the manufacturer's instructions.

(NOTE: Tank and piping system installation practices and procedures described in the following codes may be used to comply with the requirements of this subsection: American Petroleum Institute Publication 1615, "Installation of Underground Petroleum Storage System"; Petroleum Equipment Institute Publication RP100, "Recommended Practices for Installation of Underground Liquid Storage Systems"; or American National Standards Institute Standard B31.3, "Petroleum Refinery Piping", and American National Standards Institute Standard B31.4, "Liquid Petroleum Transportation Piping System".)

5. **Certification of installation.** All owners and operators must ensure that one or more of the following methods of certification, testing, or inspection is used to demonstrate compliance with subsection 4 by providing a certification of compliance on the underground storage tank notification form in accordance with section 33-24-08-12:

a. The installer has been certified by the tank and piping manufacturers;

b. The installer has been certified or licensed by the department;

c. The installation has been inspected and certified by a registered professional engineer with education and experience in underground storage tank system installation;

d. The installation has been inspected and approved by the department;



- e. All work listed in the manufacturer's installation checklists has been completed; or
- f. The owner and operator have complied with another method for ensuring compliance with subsection 4 that is determined by the department to be no less protective of human health and the environment.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-11. Upgrading of existing underground storage tank systems.**

1. **Alternatives allowed.** Not later than December 22, 1998, all existing underground storage tank systems must comply with one of the following requirements:
  - a. New underground storage tank system performance standards under section 33-24-08-10;
  - b. The upgrading requirements in subsections 2 through 4; or
  - c. Closure requirements under sections 33-24-08-60 through 33-24-08-64, including applicable requirements for corrective action under sections 33-24-08-50 through 33-24-08-57.
2. **Tank upgrading requirements.** Steel tanks must be upgraded to meet one of the following requirements in accordance with a code of practice developed by a nationally recognized association or independent testing laboratory:
  - a. Interior lining. A tank may be upgraded by internal lining if:
    - (1) The lining is installed in accordance with the requirements of section 33-24-08-23; and
    - (2) Within ten years after lining, and every five years thereafter, the lined tank is internally inspected and found to be structurally sound with the lining still performing in accordance with original design specifications.
  - b. Cathodic protection. A tank may be upgraded by cathodic protection if the cathodic protection system meets the requirements of paragraphs 2, 3, and 4 of subdivision b of subsection 1 of section 33-24-08-10 and the integrity of the tank is ensured using one of the following methods:

- (1) The tank is internally inspected and assessed to ensure that the tank is structurally sound and free of corrosion holes prior to installing the cathodic protection system;
  - (2) The tank has been installed for less than ten years and is monitored monthly for releases in accordance with subsections 4 through 8 of section 33-24-08-33;
  - (3) The tank has been installed for less than ten years and is assessed for corrosion holes by conducting two tightness tests that meet the requirements of subsection 3 of section 33-24-08-33. The first tightness test must be conducted prior to installing the cathodic protection system. The second tightness test must be conducted between three and six months following the first operation of the cathodic protection system; or
  - (4) The tank is assessed for corrosion holes by a method that is determined by the department to prevent releases in a manner that is no less protective of human health and the environment than paragraphs 1 through 3.
- c. Internal lining combined with cathodic protection. A tank may be upgraded by both internal lining and cathodic protection if:
- (1) The lining is installed in accordance with the requirements of section 33-24-08-23; and
  - (2) The cathodic protection system meets the requirements of paragraphs 2, 3, and 4 of subdivision b of subsection 1 of section 33-24-08-10.

(NOTE: The following codes and standards may be used to comply with this section: American Petroleum Institute Publication 1631, "Recommended Practice for the Interior Lining of Existing Steel Underground Storage Tanks"; National Leak Prevention Association Standard 631, "Spill Prevention, Minimum 10 Year Life Extension of Existing Steel Underground Tanks by Lining Without the Addition of Cathodic Protection"; National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems"; and American Petroleum Institute Publication 1632, "Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems".)

3. **Piping upgrading requirements.** Metal piping that routinely contains regulated substances and is in contact with the ground must be cathodically protected in accordance with a code of practice developed by a nationally recognized association or independent testing

laboratory and must meet the requirements of paragraphs 2, 3, and 4 of subdivision b of subsection 2 of section 33-24-08-10.

(NOTE: The codes and standards listed in the note following subdivision b of subsection 2 of section 33-24-08-10 may be used to comply with this requirement.)

4. **Spill and overfill prevention equipment.** To prevent spilling and overfilling associated with product transfer to the underground storage tank system, all existing underground storage tank systems must comply with new underground storage tank system spill and overfill prevention equipment requirements specified in subsection 3 of section 33-24-08-10.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

#### **33-24-08-12. Notification requirements.**

1. Any owner who brings an underground storage tank system into use after May 8, 1986, must within thirty days of bringing such tank into use, submit, in the form prescribed in appendix I, a notice of existence of such tank system to the department.

(NOTE: Owners and operators of underground storage tank systems that were in the ground on or after May 8, 1986, unless taken out of operation on or before January 1, 1974, were required to notify the designated state or local agency in accordance with the Hazardous and Solid Waste Amendments of 1984, Public Law 98-616, on a form published by the environmental protection agency on November 8, 1985, (50 federal register 46602) unless notice was given pursuant to section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980. Owners and operators who have not complied with the notification requirements may use portions I through VI of the notification form contained in appendix I.)

2. Owners required to submit notices under subsection 1 must provide notices to the department for each tank they own. Owners may provide notice for several tanks using one notification form, but owners who own tanks located at more than one place of operation must file a separate notification form for each separate place of operation.
3. Notices required to be submitted under subsection 1 must provide all of the information in sections I through VI of the prescribed form for each tank for which notice must be given.

4. All owners and operators of new underground storage tank systems must certify in the notification form compliance with the following requirements:
  - a. Installation of tanks and piping under subsection 5 of section 33-24-08-10;
  - b. Cathodic protection of steel tanks and piping under subsections 1 and 2 of section 33-24-08-10;
  - c. Financial responsibility under sections 33-24-08-80 through 33-24-08-101; and
  - d. Release detection under sections 33-24-08-31 and 33-24-08-32.
5. Beginning October 24, 1988, any person who sells a tank intended to be used as an underground storage tank must notify the purchaser of such tank of the owner's notification obligations under subsection 1. The form provided in appendix II may be used to comply with this requirement.
6. All owners and operators of new underground storage tank systems must ensure that the installer certifies in the notification form that the methods used to install the tanks and piping complies with the requirements in subsection 4 of section 33-24-08-10.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-13. [Reserved]**

**33-24-08-14. [Reserved]**

**33-24-08-15. [Reserved]**

**33-24-08-16. [Reserved]**

**33-24-08-17. [Reserved]**

**33-24-08-18. [Reserved]**

**33-24-08-19. [Reserved]**

**33-24-08-20. Spill and overfill control.**

1. Owners and operators must ensure that releases due to spilling or overfilling do not occur. The owner and operator must ensure that the volume available in the tank is greater than the volume of product to be

transferred to the tank before the transfer is made and that the transfer operation is monitored constantly to prevent overfilling and spilling.

(NOTE: The transfer procedures described in National Fire Protection Association Publication 385 may be used to comply with this subsection. Further guidance on spill and overfill prevention appears in American Petroleum Institute Publication 1621, "Recommended Practice for Bulk Liquid Stock Control at Retail Outlets", and National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code".)

2. The owner and operator must report, investigate, and clean up any spills and overfills in accordance with section 33-24-08-43.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-21. Operation and maintenance of corrosion protection.** All owners and operators of steel underground storage tank systems with corrosion protection must comply with the following requirements to ensure that releases due to corrosion are prevented for as long as the underground storage tank system is used to store regulated substances:

1. All corrosion protection systems must be operated and maintained to continuously provide corrosion protection to the metal components of that portion of the tank and piping that routinely contain regulated substances and are in contact with the ground;
2. All underground storage tank systems equipped with cathodic protection systems must be inspected for proper operation by a qualified cathodic protection tester in accordance with the following requirements:
  - a. Frequency. All cathodic protection systems must be tested within six months of installation and at least every three years thereafter or according to another reasonable timeframe established by the department;
  - b. Inspection criteria. The criteria that are used to determine that cathodic protection is adequate as required by this section must be in accordance with a code of practice developed by a nationally recognized association.

(NOTE: National Association of Corrosion Engineers Standard RP-02-85, "Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems", may be used to comply with subdivision b.)

3. Underground storage tank systems with impressed current cathodic protection systems must also be inspected every sixty days to ensure the equipment is running properly; and
4. For underground storage tank systems using cathodic protection, records of the operation of the cathodic protection must be maintained (in accordance with section 33-24-08-24) to demonstrate compliance with the performance standards. These records must provide the following:
  - a. The results of the last three inspections required in subsection 3; and
  - b. The results of testing from the last two inspections required in subsection 2.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-22. Compatibility.** Owners and operators must use an underground storage tank system made of or lined with materials that are compatible with the substance stored in the underground storage tank system. (NOTE: Owners and operators storing alcohol blends may use the following codes to comply with the requirements: American Petroleum Institute Publication 1626, "Storing and Handling Ethanol and Gasoline-Ethanol Blends at Distribution Terminals and Service Stations"; and American Petroleum Institute Publication 1627, "Storage and Handling of Gasoline-Methanol/Cosolvent Blends at Distribution Terminals and Service Stations".)

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-23. Repairs allowed.** Owners and operators of underground storage tank systems must ensure that repairs will prevent releases due to structural failure or corrosion as long as the underground storage tank system is used to store regulated substances. The repairs must meet the following requirements:

1. Repairs to underground storage tank systems must be properly conducted in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory. (NOTE: The following codes and standards may be used to comply with this subsection: National Fire Protection Association Standard 30, "Flammable and Combustible Liquids Code"; American Petroleum Institute Publication 2200, "Repairing Crude Oil, Liquefied Petroleum Gas, and Product Pipelines"; American Petroleum Institute Publication 1631, "Recommended Practice for the Interior Lining of Existing

Steel Underground Storage Tanks"; and National Leak Prevention Association Standard 631, "Spill Prevention, Minimum 10 Year Life Extension of Existing Steel Underground Tanks by Lining Without the Addition of Cathodic Protection".);

2. Repairs to fiberglass-reinforced plastic tanks may be made by the manufacturer's authorized representatives or in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory;
3. Metal pipe sections and fittings that have released product as a result of corrosion or other damage must be replaced. Fiberglass pipes and fittings may be repaired in accordance with the manufacturer's specifications;
4. Repaired tanks and piping must be tightness tested in accordance with subsection 3 of section 33-24-08-33 and subsection 2 of section 33-24-08-34 within thirty days following the date of the completion of the repair except as provided in subdivisions a through c:
  - a. The repaired tank is internally inspected in accordance with a code of practice developed by a nationally recognized association or an independent testing laboratory;
  - b. The repaired portion of the underground storage tank system is monitored monthly for releases in accordance with a method specified in subsections 4 through 8 of section 33-24-08-33; or
  - c. Another test method is used that is determined by the department to be no less protective of human health and the environment than those listed above.
5. Within six months following the repair of any cathodically protected underground storage tank system, the cathodic protection system must be tested in accordance with subsections 2 and 3 of section 33-24-08-21 to ensure that it is operating properly; and
6. Underground storage tank system owners and operators must maintain records of each repair for the remaining operating life of the underground storage tank system that demonstrate compliance with the requirements.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-24. Reporting and recordkeeping.** Owners and operators of underground storage tank systems must cooperate fully with inspections, monitoring, and testing conducted by the department, as well as requests for

document submission, testing, and monitoring by the owner or operator pursuant to North Dakota Century Code section 23-30.3-04.1.

1. **Reporting.** Owners and operators must submit the following information to the department:
  - a. Notification for all underground storage tank systems (section 33-24-08-12), which includes certification of installation for new underground storage tank systems (subsection 5 of section 33-24-08-10);
  - b. Reports of all releases including suspected releases (section 33-24-08-40), spills and overfills (section 33-24-08-43), and confirmed releases (section 33-24-08-51);
  - c. Corrective actions planned or taken including initial abatement measures (section 33-24-08-52), initial site characterization (section 33-24-08-53), free product removal (section 33-24-08-54), investigation of soil and ground water cleanup (section 33-24-08-55), and corrective action plan (section 33-24-08-56); and
  - d. A notification before permanent closure or change in service (section 33-24-08-61).
2. **Recordkeeping.** Owners and operators must maintain the following information:
  - a. A corrosion expert's analysis of site corrosion potential if corrosion protection equipment is not used (subdivision d of subsection 1 of section 33-24-08-10, subdivision c of subsection 2 of section 33-24-08-10);
  - b. Documentation of operation of corrosion protection equipment (section 33-24-08-21);
  - c. Documentation of underground storage tank system repairs (subsection 6 of section 33-24-08-23);
  - d. Recent compliance with release detection requirements (section 33-24-08-35); and
  - e. Results of the site investigation conducted at permanent closure (section 33-24-08-64).
3. **Availability and maintenance of records.** Owners and operators must keep the records required either:



- a. At the underground storage tank site and immediately available for inspection by the department;
- b. At a readily available alternative site and be provided for inspection to the department upon request; or
- c. In case of permanent closure records required under section 33-24-08-64, owners and operators are also provided with the additional alternative of mailing closure records to the department if they cannot be kept at the site or an alternative site as indicated above.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-25. [Reserved]**

**33-24-08-26. [Reserved]**

**33-24-08-27. [Reserved]**

**33-24-08-28. [Reserved]**

**33-24-08-29. [Reserved]**

**33-24-08-30. General release detection requirements for all underground storage tank systems.**

- 1. Owners and operators of new and existing underground storage tank systems must provide a method, or combination of methods, of release detection that:
  - a. Can detect a release from any portion of the tank and the connected underground piping that routinely contains product;
  - b. Is installed, calibrated, operated, and maintained in accordance with the manufacturer's instructions, including routine maintenance and service checks for operability or running condition; and
  - c. Meets the performance requirements in section 33-24-08-33 or 33-24-08-34, with any performance claims and their manner of determination described in writing by the equipment manufacturer or installer. In addition, methods used after the date shown in the following table corresponding with the specified method except for methods permanently installed prior to that date, must be capable of detecting the leak rate or quantity specified for that method in the corresponding section of the rule (also shown in the table)

with a probability of detection (Pd) of ninety-five hundredths and a probability of false alarm (Pfa) of five hundredths.

Method	Section	Date after which Pd/Pfa must be demonstrated
Manual Tank Gauging	33-24-08-33-02	December 22, 1990
Tank Tightness Testing	33-24-08-33-03	December 22, 1990
Automatic Tank Gauging	33-24-08-33-04	December 22, 1990
Automatic Line Leak Detectors	33-24-08-34-01	September 22, 1991
Line Tightness Testing	33-24-08-34-02	December 22, 1990

2. When a release detection method operated in accordance with the performance standards in sections 33-24-08-33 and 33-24-08-34 indicates a release may have occurred, owners and operators must notify the department in accordance with sections 33-24-08-40 through 33-24-08-43.
3. Owners and operators of all underground storage tank systems must comply with the release detection requirements of this section by December twenty-second of the year listed in the following table:

#### Schedule for Phase-in of Release Detection

	Year when release detection is required (by December 22 of the year indicated)				
Year system was installed	1989	1990	1991	1992	1993
Before 1965 or date unknown	RD	P			
1965-1969		P/RD			
1970-1974		P	RD		
1975-1979		P		RD	
1980-1988		P			RD
New tanks (after December 22) immediately upon installation.					

P = Must begin release detection for all pressurized piping in accordance with subdivision a. of subsection 2. of section 33-24-08-31.

RD = Must begin release detection for tanks and suction piping in accordance with subsection 1. of section 33-24-08-31, subdivision b. of subsection 2. of section 33-24-08-31, and section 33-24-08-32.

4. Any existing underground storage tank system that cannot apply a method of release detection that complies with the requirements of this section must complete the closure procedures in sections 33-24-08-60 through 33-24-08-64 by the date on which release detection is required for that underground storage tank system under subsection 3.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-31. Release detection requirements for petroleum underground storage tank systems.** Owners and operators of petroleum underground storage tank systems must provide release detection for tanks and piping as follows:

1. **Tanks.** Tanks must be monitored at least every thirty days for releases using one of the methods listed in subsections 4 through 8 of section 33-24-08-33 except that:
  - a. Underground storage tank systems that meet the performance standards in section 33-24-08-10 or 33-24-08-11, and the monthly inventory control requirements in subsection 1 or 2 of section 33-24-08-33, may use tank tightness testing (conducted in accordance with subsection 3 of section 33-24-08-33) at least every five years until December 22, 1998, or until ten years after the tank is installed or upgraded under subsection 2 of section 33-24-08-11, whichever is later;
  - b. Underground storage tank systems that do not meet the performance standards in section 33-24-08-10 or 33-24-08-11 may use monthly inventory controls (conducted in accordance with subsection 1 or 2 of section 33-24-08-33) and annual tank tightness testing (conducted in accordance with subsection 3 of section 33-24-08-33) until December 22, 1998, when the tank must be upgraded under section 33-24-08-11 or permanently closed under section 33-24-08-61; and
  - c. Tanks with capacity of five hundred fifty gallons [2081.98 liters] or less may use weekly tank gauging (conducted in accordance with subsection 2 of section 33-24-08-33).
2. **Piping.** Underground piping that routinely contains regulated substances must be monitored for releases in a manner that meets one of the following requirements:
  - a. **Pressurized piping.** Underground piping that conveys regulated substances under pressure must:
    - (1) Be equipped with an automatic line leak detector conducted in accordance with subsection 1 of section 33-24-08-34; and
    - (2) Have an annual line tightness test conducted in accordance with subsection 2 of section 33-24-08-34 or have monthly monitoring conducted in accordance with subsection 3 of section 33-24-08-34.
  - b. **Suction piping.** Underground piping that conveys regulated substances under suction must either have line tightness test conducted at least every three years and in accordance with

subsection 2 of section 33-24-08-34, or use a monthly monitoring method conducted in accordance with subsection 3 of section 33-24-08-34. No release detection is required for suction piping that is designed and constructed to meet the following standards:

- (1) The below-grade piping operates at less than atmospheric pressure;
- (2) The below-grade piping is sloped so that the contents of the pipe will drain back into the storage tank if the suction is released;
- (3) Only one check valve is included in each suction line;
- (4) The check valve is located directly below and as close as practical to the suction pump; and
- (5) A method is provided that allows compliance with paragraphs 2 through 4 to be readily determined.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-32. Release detection requirements for hazardous substance underground storage tank systems.** Owners and operators of hazardous substance underground storage tank systems must provide release detection that meets the following requirements:

1. Release detection at existing underground storage tank systems must meet the requirements for petroleum underground storage tank systems in section 33-24-08-31. By December 22, 1998, all existing hazardous substance underground storage tank systems must meet the release detection requirements for new systems in subsection 2.
2. Release detection at new hazardous substance underground storage tank systems must meet the following requirements:
  - a. Secondary containment systems must be designed, constructed, and installed:
    - (1) Contain regulated substances released from the tank system until they are detected and removed;
    - (2) Prevent the release of regulated substances to the environment at any time during the operational life of the underground storage tank system; and

- (3) Be checked for evidence of a release at least every thirty days.

(NOTE: The provisions of section 33-24-05-106 may be used to comply with this subsection.)

- b. Double-walled tanks must be designed, constructed, and installed to:
  - (1) Contain a release from any portion of the inner tank within the outer wall; and
  - (2) Detect the failure of the inner wall.
- c. External liners (including vaults) must be designed, constructed, and installed to:
  - (1) Contain one hundred percent of the capacity of the largest tank within its boundary;
  - (2) Prevent the interference of precipitation or ground water intrusion with the ability to contain or detect a release of regulated substances; and
  - (3) Surround the tank completely (i.e., it is capable of preventing lateral as well as vertical migration of regulated substances).
- d. Underground piping must be equipped with secondary containment that satisfies the requirements of subdivision a of subsection 2 (e.g., trench liners, jacketing of double-walled pipe). In addition, underground piping that conveys regulated substances under pressure must be equipped with an automatic line leak detector in accordance with subsection 1 of section 33-24-08-34; or
- e. Other methods of release detection may be used if owners and operators:
  - (1) Demonstrate to the department that an alternate method can detect a release of the stored substance as effectively as any of the methods allowed in subsections 2 through 8 of section 33-24-08-33 can detect a release of petroleum;
  - (2) Provide information to the department on effective corrective action technologies, health risks, and chemical and physical properties of the stored substance, and the characteristics of the underground storage tank site; and

- (3) Obtain approval from the department to use the alternate release detection method before the installation and operation of the new underground storage tank system.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-33. Methods of release detection for tanks.** Each method of release detection for tanks used to meet the requirements of section 33-24-08-31 must be conducted in accordance with the following:

1. **Inventory control.** Product inventory control (for another test of equivalent performance) must be conducted monthly to detect a release of at least one percent of flowthrough plus one hundred thirty gallons [492.10 liters] on a monthly basis in the following manner:
  - a. Inventory volume measurements for regulated substance inputs, withdrawals, and the amount still remaining in the tank are recorded each operating day;
  - b. The equipment used is capable of measuring the level of product over the full range of the tank's height to the nearest one-eighth of an inch [3.05 millimeters];
  - c. The regulated substance inputs are reconciled with delivery receipts by measurement of the tank inventory volume before and after delivery;
  - d. Deliveries are made through a drop tube that extends to within one foot [0.30 meters] of the tank bottom;
  - e. Product dispensing is metered and recorded within the local standards for meter calibration or an accuracy of six cubic inches [98.32 milliliters] for every five gallons [18.93 liters] of product withdrawn; and
  - f. The measurement of any water level in the bottom of the tank is made to the nearest one-eighth of an inch [3.05 millimeters] at least once a month.

(NOTE: Practices described in the American Petroleum Institute Publication 1621, "Recommended Practice for Bulk Liquid Stock Control at Retail Outlets", may be used, where applicable, as guidance in meeting the requirements.)

2. **Manual tank gauging.** Manual gauging must meet the following requirements:

- a. Tank liquid level measurements are taken at the beginning and ending of a period of at least thirty-six hours during which no liquid is added to or removed from the tank;
- b. Level measurements are based on an average of two consecutive stick readings at both the beginning and ending of the period;
- c. The equipment used is capable of measuring the level of product over the full range of the tank's height to the nearest one-eighth of an inch [3.05 millimeters];
- d. A leak is suspected and subject to the requirements of sections 33-24-08-40 through 33-24-08-43 if the variation between beginning and ending measurements exceeds the weekly or monthly standards in the following table:

Nominal Tank Capacity	Weekly Standard (one test)	Monthly Standard (average of four tests)
550 gallons or less	10 gallons	5 gallons
551-1,000 gallons	13 gallons	7 gallons
1,001-2,000 gallons	26 gallons	13 gallons; and

- e. Only tanks of five hundred fifty gallons [2081.98 liters] or less nominal capacity may use this as the sole method of release detection. Tanks of five hundred fifty-one to two thousand gallons [2085.76 to 7570.80 liters] may use the method in place of manual inventory control in subsection 1 of section 33-24-08-33. Tanks of greater than two thousand gallons [7570.80 liters] nominal capacity may not use this method to meet the requirements of sections 33-24-08-40 through 33-24-08-45.
3. **Tank tightness testing.** Tank tightness testing (or another test of equivalent performance) must be capable of detecting a one-tenth gallon [.38 liter] per hour leak rate from any portion of the tank that routinely contains product while accounting for the effects of thermal expansion or contraction of the product, vapor pockets, tank deformation, evaporation or condensation, and the location of the water table.
  4. **Automatic tank gauging.** Equipment for automatic tank gauging that tests for the loss of product and conducts inventory control must meet the following requirements:
    - a. The automatic product level monitor test can detect a two-tenths gallon [.76 liter] per hour leak rate from any portion of the tank that routinely contains product; and

- b. Inventory control (or another test of equivalent performance) is conducted in accordance with the requirements of subsection 1 of section 33-24-08-33.
5. **Vapor monitoring.** Testing or monitoring for vapors within the soil gas of the excavation zone must meet the following requirements:
- a. The materials used as backfill are sufficiently porous (e.g., gravel, sand, crushed rock) to readily allow diffusion of vapors from releases into the excavation area;
  - b. The stored regulated substance, or a tracer compound placed in the tank system, is sufficiently volatile (e.g., gasoline) to result in a vapor level that is detectable by the monitoring devices located in the excavation zone in the event of a release from the tank;
  - c. The measurement of vapors by the monitoring device is not rendered inoperative by the ground water, rainfall, or soil moisture or other known interferences so that a release could go undetected for more than thirty days;
  - d. The level of background contamination in the excavation zone will not interfere with the method used to detect releases from the tank;
  - e. The vapor monitors are designed and operated to detect any significant increase in concentration above background of the regulated substance stored in the tank system, a component or components of that substance, or a tracer compound placed in the tank system;
  - f. In the underground storage tank excavation zone, the site is assessed to ensure compliance with the requirements in subdivisions a through d and to establish the number and positioning of monitoring wells that will detect releases within the excavation zone from any portion of the tank that routinely contains product; and
  - g. Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.
6. **Ground water monitoring.** Testing or monitoring for liquids on the ground water must meet the following requirements:
- a. The regulated substance stored is immiscible in water and has a specific gravity of less than one;
  - b. Ground water is never more than twenty feet [6.07 meters] from the ground surface and the hydraulic conductivity of the soils between



the underground storage tank system and the monitoring wells or devices is not less than one one-hundredths centimeter per second (e.g., the soil should consist of gravels, coarse to medium sands, coarse silts or other permeable materials);

- c. The slotted portion of the monitoring well casing must be designed to prevent migration of natural soils or filter pack into the well and to allow entry of regulated substance on the water table into the well under both high and low ground water conditions;
  - d. Monitoring wells must be sealed from the ground surface to the top of the filter pack;
  - e. Monitoring wells or devices intercept the excavation zone or are as close to it as is technically feasible;
  - f. The continuous monitoring devices or manual methods used can detect the presence of at least one-eighth of an inch [3.05 millimeters] of free product on top of the ground water in the monitoring wells;
  - g. Within and immediately below the underground storage tank system excavation zone, the site is assessed to ensure compliance with the requirements in subdivisions a through e and to establish the number and positioning of monitoring wells or devices that will detect releases from any portion of the tank that routinely contains product; and
  - h. Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.
7. **Interstitial monitoring.** Interstitial monitoring between the underground storage tank system and a secondary barrier immediately around or beneath it may be used, but only if the system is designed, constructed, and installed to detect a leak from any portion of the tank that routinely contains product and also meets one of the following requirements:
- a. For double-walled underground storage tank systems, the sampling or testing method can detect a release through the inner wall in any portion of the tank that routinely contains product;
- (NOTE: The provisions outlined in the Steel Tank Institute's "Standard for Dual Wall Underground Storage Tanks" may be used as guidance for aspects of the design and construction of underground steel double-walled tanks.)
- b. For underground storage tank systems with a secondary barrier within the excavation zone, the sampling or testing method used

can detect a release between the underground storage tank system and the secondary barrier;

- (1) The secondary barrier around or beneath the underground storage tank system consists of artificially constructed material that is sufficiently thick and impermeable (at least  $10^{-6}$  centimeter per second for the regulated substance stored) to direct a release to the monitoring point and permit its detection;
  - (2) The barrier is compatible with the regulated substance stored so that a release from the underground storage tank system will not cause a deterioration of the barrier allowing a release to pass through undetected;
  - (3) For cathodically protected tanks, the secondary barrier must be installed so that it does not interfere with the proper operation of the cathodic protection system;
  - (4) The ground water, soil moisture, or rainfall will not render the testing or sampling method used inoperative so that a release could go undetected for more than thirty days;
  - (5) The site is assessed to ensure that the secondary barrier is always above the ground water and not in a twenty-five-year floodplain, unless the barrier and monitoring designs are for use under such conditions; and
  - (6) Monitoring wells are clearly marked and secured to avoid unauthorized access and tampering.
- c. For tanks with an internally fitted liner, an automated device can detect a release between the inner wall of the tank and the liner, and the liner is compatible with the substance stored.
8. **Other methods.** Any other type of release detection method, or combination of methods, can be used if:
- a. It can detect a two-tenths gallon [.76 liter] per hour leak rate or a release of one hundred fifty gallons [567.81 liters] within a month with a probability of detection of ninety-five hundredths and a probability of false alarm of five one-hundredths; or
  - b. The department may approve another method if the owner and operator can demonstrate that the method can detect a release as effectively as any of the methods allowed in subsections 3 through 8. In comparing methods, the department shall consider the size of release the method can detect and the frequency and reliability with which it can be detected. If the method is approved,

the owner and operator must comply with any conditions imposed by the department on its use to ensure the protection of human health and the environment.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-02.3-04.1

**33-24-08-34. Methods of release detection for piping.** Each method of release detection for piping used to meet the requirements of section 33-24-08-31 must be conducted in accordance with the following:

1. **Automatic line leak detectors.** Methods which alert the operator to the presence of a leak by restricting or shutting off the flow of regulated substances through piping or triggering an audible or visual alarm may be used only if they detect leaks of three gallons [11.36 liters] per hour at ten pounds per square inch line pressure within one hour. An annual test of the operation of the leak detector must be conducted in accordance with the manufacturer's requirements.
2. **Line tightness testing.** A periodic test of piping may be conducted only if can detect a one-tenth gallon [.38 liter] per hour leak rate at one and one-half times the operating pressure.
3. **Applicable tank methods.** Any of the methods in subsections 5 through 8 of section 33-24-08-33 may be used if they are designed to detect a release from any portion of the underground piping that routinely contains regulated substances.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-35. Release detection recordkeeping.** All underground storage tank system owners and operators must maintain records in accordance with section 33-24-08-24 demonstrating compliance with all applicable requirements of sections 33-24-08-30 through 33-24-08-35. These records must include the following:

1. All written performance claims pertaining to any release detection system used, and the manner in which these claims have been justified or tested by the equipment manufacturer or installer, must be maintained for five years or for another reasonable period of time determined by the department, from the date of installation;
2. The results of any sampling, testing, or monitoring must be maintained for at least one year, or for another reasonable period of time determined by the department, except that the results of tank tightness testing

conducted in accordance with subsection 3 of section 33-24-08-33 must be retained until the next test is conducted; and

3. Written documentation of all calibration, maintenance, and repair of release detection equipment permanently located onsite must be maintained for at least one year after the servicing work is completed, or for another reasonable time period determined by the department. Any schedules of required calibration and maintenance provided by the release detection equipment manufacturer must be retained for five years from the date of installation.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-36. [Reserved]**

**33-24-08-37. [Reserved]**

**33-24-08-38. [Reserved]**

**33-24-08-39. [Reserved]**

**33-24-08-40. Reporting of suspected releases.** Owners and operators of underground storage tank systems must report to the department within twenty-four hours, or another reasonable time period specified by the department, and follow the procedures in section 33-24-08-42 for any of the following conditions:

1. The discovery by owners and operators or others of released regulated substances at the underground storage tank site or in the surrounding area (such as the presence of free product or vapors in soils, basements, sewer and utility lines, and nearby surface water);
2. Unusual operating conditions observed by owners and operators (such as the erratic behavior of product dispensing equipment, the sudden loss of product from the underground storage tank system, or an unexplained presence of water in the tank), unless system equipment is found to be defective but not leaking, and is immediately repaired or replaced; and
3. Monitoring results from a release detection method required under sections 33-24-08-31 and 33-24-08-32 that indicate a release may have occurred unless:
  - a. The monitoring device is found to be defective, and is immediately repaired, recalibrated, or replaced, and additional monitoring does not confirm the initial result; or

- b. In the case of inventory control, a second month of data does not confirm the initial result.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-41. Investigation due to offsite impacts.** When required by the department, owners and operators of underground storage tank systems must follow the procedures in section 33-24-08-42 to determine if the underground storage tank system is the source of offsite impacts. These impacts include the discovery of regulated substances (such as the presence of free product or vapors in soils, basements, sewer and utility lines, and nearby surface and drinking waters) that has been observed by the department or brought to its attention by another party.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-42. Release investigation and confirmation steps.** Unless corrective action is initiated in accordance with sections 33-24-08-50 through 33-24-08-57, owners and operators must immediately investigate and confirm all suspected releases of regulated substances requiring reporting under section 33-24-08-40 within seven days, or another reasonable time period specified by the department, using either the following steps or another procedure approved by the department:

1. **System test.** Owners and operators must conduct tests (according to the requirements for tightness testing in subsection 3 of section 33-24-08-33 and subsection 2 of section 33-24-08-34) that determine whether a leak exists in that portion of the tank that routinely contains product, or the attached delivery piping, or both.
  - a. Owners and operators must repair, replace, or upgrade the underground storage tank system, and begin corrective action in accordance with sections 33-24-08-50 through 33-24-08-57 if the test results for the system, tank, or delivery piping indicate that a leak exists.
  - b. Further investigation is not required if the test results for the system, tank, and delivery piping do not indicate that a leak exists and if environmental contamination is not the basis for suspecting a release.
  - c. Owners and operators must conduct a site check as described in subsection 2 if the test results for the system, tank, and delivery piping do not indicate that a leak exists but environmental contamination is the basis for suspecting a release.

2. **Site check.** Owners and operators must measure for the presence of a release where contamination is most likely to be present at the underground storage tank site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the nature of the stored substance, the type of initial alarm or cause for suspicion, the type of backfill, the depth of ground water, and other factors appropriate for identifying the presence and source of the release.
  - a. If the test results for the excavation zone or the underground storage tank site indicate that a release has occurred, owners and operators must begin corrective action in accordance with sections 33-24-08-50 through 33-24-08-57.
  - b. If the test results for the excavation zone or the underground storage tank site do not indicate that a release has occurred, further investigation is not required.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

#### **33-24-08-43. Reporting and cleanup of spills and overfills.**

1. Owners and operators of underground storage tank systems must contain and immediately clean up a spill or overfill and report to the department within twenty-four hours, or another reasonable time period specified by the department, and begin corrective action in accordance with sections 33-24-08-50 through 33-24-08-57 in the following cases:
  - a. Spill or overfill of petroleum that results in a release to the environment that exceeds twenty-five gallons [94.63 liters] or another reasonable amount specified by the department, or that causes a sheen on nearby surface water; and
  - b. Spill or overfill of a hazardous substance that results in a release to the environment that equals or exceeds its reportable quantity under the Comprehensive Environmental Response, Compensation, and Liability Act [40 CFR 302].
2. Owners and operators of underground storage tank systems must contain and immediately clean up a spill or overfill of petroleum that is less than twenty-five gallons [94.63 liters] or another reasonable amount specified by the department, and a spill or overfill of a hazardous substance that is less than the reportable quantity. If cleanup cannot be accomplished within twenty-four hours, or another reasonable time period established by the department, owners and operators must immediately notify the department.

(NOTE: A release of a hazardous substance equal to or in excess of its reportable quantity must also be reported immediately (rather than within twenty-four hours) to the National Response Center under sections 102 and 103 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and to appropriate state and local authorities under title III of the Superfund Amendments and Reauthorization Act of 1986.)

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-44. [Reserved]**

**33-24-08-45. [Reserved]**

**33-24-08-46. [Reserved]**

**33-24-08-47. [Reserved]**

**33-24-08-48. [Reserved]**

**33-24-08-49. [Reserved]**

**33-24-08-50. General release response and corrective action for underground storage tank systems containing petroleum or hazardous substances.** Owners and operators of petroleum or hazardous substance underground storage tank systems must, in response to a confirmed release from the underground storage tank system, comply with the requirements of this section except for underground storage tanks excluded under subsection 2 of section 33-24-08-01 and underground storage tank systems subject to the hazardous waste provisions of North Dakota Century Code chapter 23-20.3.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-51. Initial response.** Upon confirmation of a release in accordance with section 33-24-08-42 or after a release from the underground storage tank system is identified in any other manner, owners and operators must perform the following initial response actions within twenty-four hours of a release or within another reasonable period of time determined by the department:

1. Report the release to the department (e.g., by telephone or electronic mail);
2. Take immediate action to prevent any further release of the regulated substance into the environment; and

3. Identify and mitigate fire, explosion, and vapor hazards.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-52. Initial abatement measures and site check.**

1. Unless directed to do otherwise by the department, owners and operators must perform the following abatement measures:
  - a. Remove as much of the regulated substance from the underground storage tank system as is necessary to prevent further release to the environment;
  - b. Visually inspect any aboveground releases or exposed belowground releases and prevent further migration of the released substance into surrounding soils and ground water;
  - c. Continue to monitor and mitigate any additional fire and safety hazards posed by vapors or free product that have migrated from the underground storage tank excavation zone and entered into subsurface structures (such as sewers or basements);
  - d. Remedy hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement, or corrective action activities. If these remedies include treatment or disposal of soils, the owner and operator must comply with applicable state and local requirements;
  - e. Measure for the presence of a release where contamination is most likely to be present at the underground storage tank site, unless the presence and source of the release have been confirmed in accordance with the site check required by subsection 2 of section 33-24-08-42 or the closure site assessment of subsection 1 of section 33-24-08-62. In selecting sample types, sample locations, and measurement methods, the owner and operator must consider the nature of the stored substance, the type of backfill, depth to ground water, and other factors as appropriate for identifying the presence and source of the release; and
  - f. Investigate to determine the possible presence of free product, and begin free product removal as soon as practicable and in accordance with section 33-24-08-54.
2. Within twenty days after release confirmation, or within another reasonable period of time determined by the department, owners and operators must submit a report to the department summarizing the



initial abatement steps taken under subsection 1 and any resulting information or data.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-53. Initial site characterization.**

1. Unless directed to do otherwise by the department, owners and operators must assemble information about the site and the nature of the release, including information gained while confirming the release or completing the initial abatement measures in sections 33-24-08-50 and 33-24-08-51. This information must include, but is not necessarily limited to, the following:
  - a. Data on the nature and estimated quantity of release;
  - b. Data from available sources or site investigations, or both, concerning the following factors: surrounding populations, water quality, use and approximate locations of wells potentially affected by the release, subsurface soil conditions, locations of subsurface sewers, climatological conditions, and land use;
  - c. Results of the site check required under subdivision e of subsection 1 of section 33-24-08-52; and
  - d. Results of the free product investigations required under subdivision f of subsection 1 of section 33-24-08-52, to be used by owners and operators to determine whether free product must be recovered under section 33-24-08-54.
2. Within forty-five days of release confirmation or another reasonable period of time determined by the department, owners and operators must submit the information collected in compliance with subsection 1 to the department in a manner that demonstrates its applicability and technical adequacy, or in a format and according to the schedule required by the department.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-54. Free product removal.** At sites where investigations under subdivision f of subsection 1 of section 33-24-08-52 indicate the presence of free product, owners and operators must remove free product to the maximum extent practicable as determined by the department while continuing, as necessary, any actions initiated under sections 33-24-08-51 through 33-24-08-53, or preparing

for actions required under sections 33-24-08-55 and 33-24-08-56. In meeting the requirements of this section, owners and operators must:

1. Conduct free product removal in a manner that minimizes the spread of contamination into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site, and that properly treats, discharges, or disposes of recovery byproducts in compliance with applicable local, state, and federal regulations;
2. Use abatement of free product migration as a minimum objective for the design of the free product removal systems;
3. Handle any flammable products in a safe and competent manner to prevent fires or explosions; and
4. Unless directed to do otherwise by the department, prepare and submit to the department, within forty-five days after confirming a release, a free product removal report that provides at least the following information:
  - a. The name of the persons responsible for implementing the free product removal measures;
  - b. The estimated quantity, type, and thickness of free product observed or measured in wells, boreholes, and excavations;
  - c. The type of free product recovery system used;
  - d. Whether any discharge will take place onsite or offsite during the recovery operation and where this discharge will be located;
  - e. The type of treatment applied to, and the effluent quality expected from, any discharge;
  - f. The steps that have been or are being taken to obtain necessary permits for any discharge; and
9. The disposition of the recovered free product.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-55. Investigations for soil and ground water cleanup.**

1. In order to determine the full extent and location of soils contaminated by the release and the presence and concentrations of dissolved product contamination in the ground water, owners and operators must conduct

investigations of the release, the release site, and the surrounding area possibly affected by the release if any of the following conditions exist:

- a. There is evidence that ground water wells have been affected by the release (e.g., as found during release confirmation or previous corrective action measures);
  - b. Free product is found to need recovery in compliance with section 33-24-08-54;
  - c. There is evidence that contaminated soils may be in contact with ground water (e.g., as found during conduct of the initial response measures or investigations required under sections 33-24-08-50 through 33-24-08-54); and
  - d. The department requests an investigation, based on the potential effects of contaminated soil or ground water on nearby surface water and ground water resources.
2. Owners and operators must submit the information collected under subsection 1 as soon as practicable or in accordance with a schedule established by the department.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

#### **33-24-08-56. Corrective action plan.**

1. At any point after reviewing the information submitted in compliance with sections 33-24-08-51 through 33-24-08-53, the department may require owners and operators to submit additional information or to develop and submit a corrective action plan for responding to contaminated soils and ground water. If a plan is required, owners and operators must submit the plan according to a schedule and format established by the department. Alternatively, owners and operators may, after fulfilling the requirements of sections 33-24-08-51 through 33-24-08-53, choose to submit a corrective action plan for responding to contaminated soil and ground water. In either case, owners and operators are responsible for submitting a plan that provides for adequate protection of human health and the environment as determined by the department, and must modify their plan as necessary to meet this standard.
2. The department will approve the corrective action plan only after ensuring that implementation of the plan will adequately protect human health, safety, and the environment. In making this determination, the department should consider the following factors as appropriate:

- a. The physical and chemical characteristics of the regulated substance, including its toxicity, persistence, and potential for migration;
  - b. The hydrogeologic characteristics of the facility and the surrounding area;
  - c. The proximity, quality, and current and future uses of nearby surface water and ground water;
  - d. The potential effects of residual contamination on nearby surface water and ground water;
  - e. An exposure assessment; and
  - f. Any information assembled in compliance with sections 33-24-08-50 through 33-24-08-57.
3. Upon approval of the corrective action plan or as directed by the department, owners and operators must implement the plan, including modifications to the plan made by the department. They must monitor, evaluate, and report the results of implementing the plan in accordance with a schedule and in a format established by the department.
  4. Owners and operators may, in the interest of minimizing environmental contamination and promoting more effective cleanup, begin cleanup of soil and ground water before the corrective action plan is approved provided that they:
    - a. Notify the department of their intention to begin cleanup;
    - b. Comply with any conditions imposed by the department, including halting cleanup or mitigating adverse consequences from cleanup activities; and
    - c. Incorporate these self-initiated cleanup measures in the corrective action plan that is submitted to the department for approval.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-57. Public participation.**

1. For each confirmed release that requires a corrective action plan, the department must provide notice to the public by means designed to reach those members of the public directly affected by the release and the planned corrective action. This notice may include, but is not

limited to, public announcements, publication in a state register, letters to individual households, or personal contacts by field staff.

2. The department must ensure that site release information and decisions concerning the corrective action plan are made available to the public for inspection upon request.
3. Before approving a corrective action plan, the department may hold a public meeting to consider comments on the proposed corrective action plan if there is sufficient public interest, or for any other reason.
4. The department must give public notice that complies with subsection 1 if implementation of an approved corrective action plan does not achieve the established cleanup levels in the plan and termination of that plan is under consideration by the department.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-58. [Reserved]**

**33-24-08-59. [Reserved]**

**33-24-08-60. Temporary closure.**

1. When an underground storage tank system is temporarily closed, owners and operators must continue operation and maintenance of corrosion protection in accordance with section 33-24-08-21, and any release detection in accordance with sections 33-24-08-30 through 33-24-08-35. Sections 33-24-08-40 through 33-24-08-43 and sections 33-24-08-50 through 33-24-08-57 must be complied with if a release is suspected or confirmed. However, release detection is not required as long as the underground storage tank system is empty. The underground storage tank system is empty when all materials have been removed using commonly employed practices so that no more than two and five-tenths centimeters [1 inch] of residue, or three-tenths of one percent by weight of the total capacity of the underground storage tank system, remain in the system.
2. When an underground storage tank system is temporarily closed for three months or more, owners and operators must also comply with the following requirements:
  - a. Leave vent lines open and functioning; and
  - b. Cap and secure all other lines, pumps, manways, and ancillary equipment.

3. When an underground storage tank system is temporarily closed for more than twelve months, owners and operators must permanently close the underground storage tank system if it does not meet either performance standards in section 33-24-08-10 for new underground storage tank systems or the upgrading requirements in section 33-24-08-11, except that the spill and overfill equipment requirements do not have to be met. Owners and operators must permanently close the substandard underground storage tank systems at the end of this twelve-month period in accordance with sections 33-24-08-61 through 33-24-08-64, unless the department provides an extension of the twelve-month temporary closure period. Owners and operators must complete a site assessment in accordance with section 33-24-08-62 before such an extension can be applied for.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-61. Permanent closure and changes in service.**

1. At least thirty days before beginning either permanent closure or a change in service under subsections 2 and 3, or within another reasonable time period determined by the department, owners and operators must notify the department of their intent to permanently close or make the change in service, unless such action is in response to corrective action. The required assessment of the excavation zone under section 33-24-08-62 must be performed after notifying the department but before completion of the permanent closure or a change in service.
2. To permanently close a tank, owners and operators must empty and clean it by removing all liquids and accumulated sludges. All tanks taken out of service permanently must also be either removed from the ground or filled with an inert solid material.
3. Continued use of an underground storage tank system to store a nonregulated substance is considered a change in service. Before a change in service, owners and operators must empty and clean the tank by removing all liquid and accumulated sludge and conduct a site assessment in accordance with section 33-24-08-62.

(Note: The following cleaning and closure procedures may be used to comply with this section: American Petroleum Institute Recommended Practice 1604, "Removal and Disposal of Used Underground Petroleum Storage Tanks"; American Petroleum Institute Publication 2015, "Cleaning Petroleum Storage Tanks"; American Petroleum Institute Recommended Practice 1631, "Interior Lining of Underground Storage Tanks", may be used as guidance for compliance with this section; and The National Institute for Occupational Safety and Health "Criteria for a Recommended Standard . . . Working in Confined Space" may

be used as guidance for conducting safe closure procedures at some hazardous substance tanks.)

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-62. Assessing the site at closure or change in service.**

1. Before permanent closure or a change in service is completed, owners and operators must measure for the presence of a release where contamination is most likely to be present at the underground storage tank site. In selecting sample types, sample locations, and measurement methods, owners and operators must consider the method of closure, the nature of the stored substance, the type of backfill, the depth to ground water, and other factors appropriate for identifying the presence of a release. The requirements of this section are satisfied if one of the external release detection methods allowed in subsections 5 and 6 of section 33-24-08-33 is operating in accordance with the requirements in section 33-24-08-33 at the time of closure, and indicates no release has occurred.
2. If contaminated soils, contaminated ground water, or free product as a liquid or vapor is discovered under subsection 1, or by any other manner, owners and operators must begin corrective action in accordance with sections 33-24-08-50 through 33-24-08-57.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-63. Applicability to previously closed underground storage tank systems.** When directed by the department, the owner and operator of an underground storage tank system permanently closed before December 22, 1988, must assess the excavation zone and close the underground storage tank system in accordance with sections 33-24-08-60 through 33-24-08-64 if releases from the underground storage tank may, in the judgment of the department, pose a current or potential threat to human health and the environment.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-64. Closure records.** Owners and operators must maintain records in accordance with section 33-24-08-24 that are capable of demonstrating compliance with closure requirements under sections 33-24-08-60 through 33-24-08-64. The results of the excavation zone assessment required in section 33-24-08-62 must be maintained for at least three years after completion of permanent closure or change in service in one of the following ways:

1. By the owners and operators who took the underground storage tank system out of service;
2. By the current owners and operators of the underground storage tank system site; or
3. By mailing these records to the department if they cannot be maintained at the closed facility.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-65. [Reserved]**

**33-24-08-66. [Reserved]**

**33-24-08-67. [Reserved]**

**33-24-08-68. [Reserved]**

**33-24-08-69. [Reserved]**

**33-24-08-70. [Reserved]**

**33-24-08-71. [Reserved]**

**33-24-08-72. [Reserved]**

**33-24-08-73. [Reserved]**

**33-24-08-74. [Reserved]**

**33-24-08-75. [Reserved]**

**33-24-08-76. [Reserved]**

**33-24-08-77. [Reserved]**

**33-24-08-78. [Reserved]**

**33-24-08-79. [Reserved]**

**33-24-08-80. Applicability (financial responsibility).**

1. Sections 33-24-08-80 through 33-24-08-102 apply to owners and operators of all petroleum underground storage tank systems except as otherwise provided.



2. Owners and operators of petroleum underground storage tank systems are subject to these requirements if they are in operation on or after the date for compliance established in section 33-24-08-81.
3. State and federal government entities whose debts and liabilities are the debts and liabilities of a state or the United States are exempt from the requirements of sections 33-24-08-80 through 33-24-08-102.
4. The requirements of sections 33-24-08-80 through 33-24-08-102 do not apply to owners or operators of any underground storage tank system described in subsection 2 or 3 of section 33-24-08-01.
5. If the owner and operator of a petroleum underground storage tank are separate persons, only one person is required to demonstrate financial responsibility; however, both parties are liable in event of noncompliance. Regardless of which party complies, the date set for compliance at a particular facility is determined by the characteristics of the owner as set forth in section 33-24-08-81.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-81. Financial responsibility compliance dates.** Owners of petroleum underground storage tanks are required to comply with the requirements of sections 33-24-08-80 through 33-24-08-102 by the following dates:

1. All petroleum marketing firms owning one thousand or more underground storage tanks and all other underground storage tank owners that report a tangible net worth of twenty million dollars or more to the United States securities and exchange commission, dun and bradstreet, the energy information administration, or the rural electrification administration - January 24, 1989, except that compliance with subsection 2 of section 33-24-08-84 is required by July 24, 1989.
2. All petroleum marketing firms owning one hundred to nine hundred ninety-nine underground storage tanks - October 26, 1989.
3. All petroleum marketing firms owning thirteen to ninety-nine underground storage tanks at more than one facility - April 26, 1991.
4. All petroleum underground storage tank owners not described in subsection 1, 2, or 3, excluding all local government entities - December 31, 1992.
5. All local government entities - one year from the date of promulgation by the environmental protection agency of additional mechanisms for

use by local government entities to comply with financial responsibility requirements for underground storage tanks containing petroleum.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-82. Definitions (financial responsibility).** When used in sections 33-24-08-80 through 33-24-08-102, the following terms have the meanings given below:

1. "Accidental release" means any sudden or nonsudden release of petroleum from an underground storage tank that results in a need for corrective action or compensation for bodily injury or property damage, or both, neither expected nor intended by the tank owner or operator.
2. "Bodily injury" has the meaning given to this term by applicable state law; however, this term does not include those liabilities which, consistent with standard insurance industry practices, are excluded from coverage in liability insurance policies for bodily injury.
3. "Controlling interest" means direct ownership of at least fifty percent of the voting stock of another entity.
4. "Department" means the North Dakota state department of health and consolidated laboratories.
5. "Financial reporting year" means the latest consecutive twelve-month period for which any of the following reports used to support a financial test is prepared:
  - a. A 10-K report submitted to the securities and exchange commission;
  - b. An annual report of tangible net worth submitted to dun and bradstreet; or
  - c. Annual reports submitted to the energy information administration or the rural electrification administration. "Financial reporting year" may thus comprise a fiscal-year or a calendar-year period.
6. "Legal defense cost" is any expense that an owner or operator or provider of financial assurance incurs in defending against claims or actions brought:
  - a. By the environmental protection agency or a state to require corrective action or to recover the costs of corrective action;

- b. By or on behalf of a third party for bodily injury or property damage caused by an accidental release; or
  - c. By any person to enforce the terms of a financial assurance mechanism.
- 7. "Occurrence" means an accident, including continuous or repeated exposure to conditions, which results in a release from an underground storage tank. (NOTE: This definition is intended to assist in the understanding of these rules and is not intended either to limit the meaning of "occurrence" in a way that conflicts with standard insurance usage or to prevent the use of other standard insurance terms in place of "occurrence".)
  - 8. "Owner or operator", when the owner or operator are separate parties, refers to the party that is obtaining or has obtained financial assurances.
  - 9. "Petroleum marketing facilities" include all facilities at which petroleum is produced or refined and all facilities from which petroleum is sold or transferred to other petroleum marketers or to the public.
  - 10. "Petroleum marketing firms" are all firms owning petroleum marketing facilities. Firms owning other types of facilities with underground storage tanks as well as petroleum marketing facilities are considered to be petroleum marketing firms.
  - 11. "Property damage" has the meaning given this term by applicable state law. This term does not include those liabilities which, consistent with standard insurance industry practices, are excluded from coverage in liability insurance policies for property damage. However, such exclusions for property damage shall not include corrective action associated with releases from tanks which are covered by the policy.
  - 12. "Provider of financial assurance" means an entity that provides financial assurance to an owner or operator of an underground storage tank through one of the mechanisms listed in sections 33-24-08-85 through 33-24-08-93, including a guarantor, insurer, risk retention group, surety, issuer of a letter of credit, issuer of a state-required mechanism, or a state.
  - 13. "Substantial business relationship" means the extent of a business relationship necessary under applicable state law to make a guarantee contract issued incident to that relationship valid and enforceable. A guarantee contract is issued "incident to that relationship" if it arises from and depends on existing economic transactions between the guarantor and the owner or operator.
  - 14. "Tangible net worth" means the tangible assets that remain after deducting liabilities; such assets do not include intangibles such

as goodwill and rights to patents or royalties. For purposes of this definition, "assets" means all existing and all probable future economic benefits obtained or controlled by a particular entity as a result of past transactions.

15. "Termination" under subdivisions a and b of subsection 2 of section 33-24-08-87 means only those changes that could result in a gap in coverage as where the insured has not obtained substitute coverage or has obtained substitute coverage with a different retroactive date than the retroactive date of the original policy.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-83. Amount and scope of required financial responsibility.**

1. Owners or operators of petroleum underground storage tanks must demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks in at least the following per-occurrence amounts:
  - a. For owners or operators of petroleum underground storage tanks that are located at petroleum marketing facilities, or that handle an average of more than ten thousand gallons [37854 liters] of petroleum per month based on annual throughput for the previous calendar year, one million dollars; and
  - b. For all other owners or operators of petroleum underground storage tanks, five hundred thousand dollars.
2. Owners or operators of petroleum underground storage tanks must demonstrate financial responsibility for taking corrective action and for compensating third parties for bodily injury and property damage caused by accidental releases arising from the operation of petroleum underground storage tanks in at least the following annual aggregate amounts:
  - a. For owners or operators of one to one hundred petroleum underground storage tanks, one million dollars; and
  - b. For owners or operators of one hundred one or more petroleum underground storage tanks, two million dollars.
3. For the purposes of subsections 2 and 6 only, "a petroleum underground storage tank" means a single containment unit and does not mean combinations of single containment units.

4. Except as provided in subsection 5, if the owner or operator uses separate mechanisms or separate combinations of mechanisms to demonstrate financial responsibility for:
  - a. Taking corrective action;
  - b. Compensating third parties for bodily injury and property damage caused by sudden accidental releases; or
  - c. Compensating third parties for bodily injury and property damage caused by nonsudden accidental releases, the amount of assurance provided by each mechanism or combination of mechanisms must be in the full amount specified in subsections 1 and 2.
5. If an owner or operator uses separate mechanisms or separate combinations of mechanisms to demonstrate financial responsibility for different petroleum underground storage tanks, the annual aggregate required must be based on the number of tanks covered by each such separate mechanism or combination of mechanisms.
6. Owners or operators shall review the amount of aggregate assurance provided whenever additional petroleum underground storage tanks are acquired or installed. If the number of petroleum underground storage tanks for which assurance must be provided exceeds one hundred, the owner or operator shall demonstrate financial responsibility in the amount of at least two million dollars of annual aggregate assurance by the anniversary of the date on which the mechanism demonstrating financial responsibility became effective. If assurance is being demonstrated by a combination of mechanisms, the owner or operator shall demonstrate financial responsibility in the amount of at least two million dollars of annual aggregate assurance by the first-occurring effective date anniversary of any one of the mechanisms combined (other than a financial test or guarantee) to provide assurance.
7. The amounts of assurance required under this section exclude legal defense costs.
8. The required per-occurrence and annual aggregate coverage amounts do not in any way limit the liability of the owner or operator.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-84. Allowable mechanisms and combinations of mechanisms.**

1. Subject to the limitations of subsections 2 and 3, an owner or operator may use any one or combination of the mechanisms listed in sections 33-24-08-85 through 33-24-08-93 to demonstrate financial responsibility under sections 33-24-08-80 through 33-24-08-102 for one or more underground storage tanks.
2. An owner or operator may use a guarantee or surety bond to establish financial responsibility only if the attorneys general of the states in which the underground storage tanks are located have submitted a written statement to the department that a guarantee or surety bond executed as described in this section is a legally valid and enforceable obligation in that state.
3. An owner or operator may use self-insurance in combination with a guarantee only if, for the purpose of meeting the requirements of the financial test under this section, the financial statements of the owner or operator are not consolidated with the financial statements of the guarantor.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

#### **33-24-08-85. Financial test of self-insurance.**

1. An owner or operator, or guarantor, or both, may satisfy the requirements of section 33-24-08-83 by passing a financial test as specified in this section. To pass the financial test of self-insurance, the owner or operator, or guarantor, or both, must meet the criteria of subsection 2 or 3 based on yearend financial statements for the latest completed fiscal year.
2. The following apply:
  - a. The owner or operator, or guarantor, or both, must have a tangible net worth of at least ten times:
    - (1) The total of the applicable aggregate amount required by section 33-24-08-83, based on the number of underground storage tanks for which a financial test is used to demonstrate financial responsibility to the department;
    - (2) The sum of the corrective action cost estimates, the current closure and postclosure care cost estimates, and amount of liability coverage for which a financial test is used to demonstrate financial responsibility to the department under sections 33-24-05-58, 33-24-05-77, and 33-24-05-79; and

- (3) The sum of current plugging and abandonment cost estimates for which a financial test is used to demonstrate financial responsibility to the department under chapter 33-25-01.
  - b. The owner or operator, or guarantor, or both, must have a tangible net worth of at least ten million dollars.
  - c. The owner or operator, or guarantor, or both, must have a letter signed by the chief financial officer worded as specified in subsection 4.
  - d. The owner or operator, or guarantor, or both, must either:
    - (1) File financial statements annually with the United States securities and exchange commission, the energy information administration, or the rural electrification administration; or
    - (2) Report annually the firm's tangible net worth to dun and bradstreet, and dun bradstreet must have assigned the firm a financial strength rating of 4A or 5A.
  - e. The firm's yearend financial statements, if independently audited, cannot include an adverse auditor's opinion, a disclaimer of opinion, or a "going concern" qualification.
3. The following apply:
- a. The owner or operator, or guarantor, or both, must meet the financial test requirements of subdivision a of subsection 6 of section 33-24-05-79, substituting the appropriate amounts specified in subdivisions a and b of subsection 2 of section 33-24-08-83 for the "amount of liability coverage" each time specified in that section;
  - b. The fiscal yearend financial statements of the owner or operator, or guarantor, or both, must be examined by an independent certified public accountant and be accompanied by the accountant's report of the examination;
  - c. The firm's yearend financial statements cannot include an adverse auditor's opinion, a disclaimer of opinion, or a "going concern" qualification;
  - d. The owner or operator, or guarantor, or both, must have a letter signed by the chief financial officer, worded as specified in subsection 4; and

- e. If the financial statements of the owner or operator, or guarantor, or both, are not submitted annually to the United States securities and exchange commission, the energy information administration or the rural electrification administration, the owner or operator, or guarantor, or both, must obtain a special report by an independent certified public accountant stating that:
  - (1) The certified public accountant has compared the data that the letter from the chief financial officer specifies as having been derived from the latest yearend financial statements of the owner or operator, or guarantor, or both, with the amounts in such financial statements; and
  - (2) In connection with that comparison, no matters came to the certified public accountant's attention which caused the certified public accountant to believe that the specified data should be adjusted.
- 4. To demonstrate that it meets the financial test under subsection 2 or 3, the chief financial officer of the owner or operator, or guarantor, must sign, within one hundred twenty days of the close of each financial reporting year, as defined by the twelve-month period for which financial statements used to support the financial test are prepared, a letter worded exactly as follows, except that the instructions in brackets are to be replaced by the relevant information and the brackets deleted:

#### Letter from Chief Financial Officer

I am the chief financial officer of [insert: name and address of the owner or operator, or guarantor]. This letter is in support of the use of [insert: "the financial test of self-insurance", and/or "guarantee"] to demonstrate financial responsibility for [insert: Taking corrective action" and/or "compensating third parties for bodily injury and property damage"] caused by [insert: "sudden accidental releases" and/or "nonsudden accidental releases"] in the amount of at least [insert: dollar amount] per occurrence and [insert: dollar amount] annual aggregate arising from operating (an) underground storage tank(s).

Underground storage tanks at the following facilities are assured by this financial test by this [insert: "owner or operator", and/or "guarantor"]: [List for each facility: the name and address of the facility where tanks assured by this financial test are located, and whether tanks are assured by this financial test. If separate mechanisms or combinations of mechanisms are being used to assure any of the tanks at this facility, list each tank assured by this financial test by the tank identification number provided in the notification submitted pursuant to state requirements.]

A [insert: "financial test", and/or "guarantee"] is also used by this [insert: "owner or operator", or "guarantor"] to demonstrate evidence of financial



responsibility in the following amounts under other environmental protection agency regulations or state programs authorized by the environmental protection agency under 40 CFR Parts 271 and 145:

EPA Regulations	Amount
Closure [§§264.143 and 265.143]	\$_____
Postclosure Care [§§264.145 and 265.145]	\$_____
Liability Coverage [§§264.147 and 265.147]	\$_____
Corrective Action [§264.101(b)]	\$_____
Plugging and Abandonment [§144.63]	\$_____
Closure	\$_____
Postclosure Care	\$_____
Liability Coverage	\$_____
Corrective Action	\$_____
Plugging and Abandonment	\$_____
Total	\$_____

This [insert: "owner or operator", or "guarantor"] has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year.

[Fill in the information for Alternative I if the criteria of subsection 2 of section 33-24-08-85 are being used to demonstrate compliance with the financial test requirements. Fill in the information for Alternative II if the criteria of subsection 3 of section 33-24-08-85 are being used to demonstrate compliance with the financial test requirements.]

### ALTERNATIVE I

- Amount of annual underground storage tank aggregate coverage being assured by a financial test, and/or guarantee \$\_\_\_\_\_
- Amount of corrective action, closure and postclosure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee \$\_\_\_\_\_
- Sum of lines 1 and 2 \$\_\_\_\_\_
- Total tangible assets \$\_\_\_\_\_
- Total liabilities [if any of the amount reported on line 3 is included in total liabilities, you may deduct that amount from this line and add that amount to line 6] \$\_\_\_\_\_
- Tangible net worth [subtract line 5 from line 4] \$\_\_\_\_\_
- Is line 6 at least \$10 million? Yes \_\_\_\_\_ No \_\_\_\_\_
- Is line 6 at least 10 times line 3? \_\_\_\_\_

9. Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission? \_\_\_\_\_
10. Have financial statements for the latest fiscal year been filed with the Energy Information Administration? \_\_\_\_\_
11. Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration? \_\_\_\_\_
12. Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A? [Answer "Yes" only if both criteria have been met.] \_\_\_\_\_

#### ALTERNATIVE II

1. Amount of annual underground storage tank aggregate coverage being assured by a test, and/or guarantee \$\_\_\_\_\_
2. Amount of corrective action, closure and postclosure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee \$\_\_\_\_\_
3. Sum of lines 1 and 2 \$\_\_\_\_\_
4. Total tangible assets \$\_\_\_\_\_
5. Total liabilities [if any of the amount reported on line 3 is included in total liabilities, you may deduct that amount from this line and add that amount to line 6] \$\_\_\_\_\_
6. Tangible net worth [subtract line 5 from line 4] \$\_\_\_\_\_
7. Total assets in the United States [required only if less than 90 percent of assets are located in the United States] \$\_\_\_\_\_
8. Is line 6 at least \$10 million? Yes No  
\_\_\_\_\_
9. Is line 6 at least 6 times line 3? \_\_\_\_\_
10. Are at least 90 percent of assets located in the United States? [If "No", complete line 11.] \_\_\_\_\_
11. Is line 7 at least 6 times line 3? [Fill in either lines 12-15 or lines 16-18:] \_\_\_\_\_
12. Current assets \$\_\_\_\_\_

13.	Current liabilities		\$_____
14.	Net working capital [subtract line 13 from line 12]		\$_____
		Yes	No
15.	Is line 14 at least 6 times line 3?	_____	_____
16.	Current bond rating of most recent bond issue	_____	
17.	Name of rating service	_____	
18.	Date of maturity of bond	_____	
19.	Have financial statements for the latest fiscal year been filed with the SEC, the Energy Information Administration, or the Rural Electrification Administration?	_____	_____

[If "No", please attach a report from an independent certified public accountant certifying that there are no material differences between data as reported in lines 4-18 above and the financial statements for the latest fiscal year.]

[For both Alternative I and Alternative II complete the certification with this statement.]

I hereby certify that the wording of this letter is identical to the wording specified in subsection 4 of section 33-24-08-85, chapter 33-24-08, as such regulations were constituted on the date shown immediately below.

[Signature]  
 [Name]  
 [Title]  
 [Date]

5. If an owner or operator using the test to provide financial assurance finds that the owner or operator no longer meets the requirements of the financial test based on the yearend financial statements, the owner or operator must obtain alternative coverage within one hundred fifty days of the end of the year for which financial statements have been prepared.
6. The department may require reports of financial condition at any time from the owner or operator, or guarantor, or both. If the department finds, on the basis of such reports or other information, that the owner or operator, or guarantor, or both, no longer meets the financial test requirements of subsections 2 or 3 and 4 of section 33-24-08-85, the owner or operator must obtain alternate coverage within thirty days after notification of such a finding.
7. If the owner or operator fails to obtain alternate assurance within one hundred fifty days of finding that the owner or operator no longer meets

the requirements of the financial test based on the yearend financial statements, or within thirty days of notification by the department that the owner or operator no longer meets the requirements of the financial test, the owner or operator must notify the department of such failure within ten days.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-86. Guarantee.**

1. An owner or operator may satisfy the requirements of section 33-24-08-83 by obtaining a guarantee that conforms to the requirements of this section. The guarantor must be:
  - a. A firm that:
    - (1) Possesses a controlling interest in the owner or operator;
    - (2) Possesses a controlling interest in a firm described under paragraph 1 of subdivision a of subsection 1; or
    - (3) Is controlled through stock ownership by a common parent firm that possesses a controlling interest in the owner or operator; or
  - b. A firm engaged in a substantial business relationship with the owner or operator and issuing the guarantee as an act incident to that business relationship.
2. Within one hundred twenty days of the close of each financial reporting year the guarantor must demonstrate that it meets the financial test criteria of section 33-24-08-85 based on yearend financial statements for the latest completed financial reporting year by completing the letter from the chief financial officer described in subsection 4 of section 33-24-08-85 and must deliver the letter to the owner or operator. If the guarantor fails to meet the requirements of the financial test at the end of any financial reporting year, within one hundred twenty days of the end of that financial reporting year the guarantor shall send via certified mail, before cancellation or nonrenewal of the guarantee, notice to the owner or operator. If the department notifies the guarantor that the guarantor no longer meets the requirements of the financial test of subsections 2 or 3 and 4 of section 33-24-08-85, the guarantor must notify the owner or operator within ten days of receiving such notification from the department. In both cases, the guarantee will terminate no less than one hundred twenty days after the date the owner or operator receives the notification, as evidenced by the return

receipt. The owner or operator must obtain alternative coverage as specified in subsection 3 of section 33-24-08-100.

3. The guarantee must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

### **GUARANTEE**

Guarantee made this [date] by [name of guaranteeing entity], a business entity organized under the laws of the state of [name of state], herein referred to as guarantor, to [the state implementing agency] and to any and all third parties, and obligees, on behalf of [owner or operator] of [business address].

#### **Recitals.**

- (1) Guarantor meets or exceeds the financial test criteria of subsections 2 or 3 and 4 of section 33-24-08-85 and agrees to comply with the requirements for guarantors as specified in subsection 2 of section 33-24-08 86.
- (2) a[Owner or operator] owns or operates the following underground storage tank(s) covered by this guarantee: [List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to section 33-24-08-12, and the name and address of the facility. This guarantee satisfies sections 33-24-08-80 through 33-24-08-102 requirements for assuring funding for [insert: "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases"; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the above-identified underground storage tank(s) in the amount of [insert dollar amount] per occurrence and [insert dollar amount] rwnannual aggregate.
- (3) [Insert appropriate phrase: "On behalf of our subsidiary" (if guarantor is corporate parent of the owner or operator); "On behalf of our affiliate" (if guarantor is a related firm of the owner or operator); or "Incident to our business relationship with" (if guarantor is providing the guarantee as an incident to a substantial business relationship with owner or operator)][owner or operator], guarantor guarantees to [implementing agency] and to any and all third parties that:

In the event that [owner or operator] fails to provide alternative coverage within sixty days after receipt of a notice of cancellation of this guarantee and the [department] has determined or suspects a release has occurred at an underground storage tank covered by this guarantee, the guarantor, upon instructions from the [department] shall fund a standby trust fund in accordance with the provisions of section 33-24-08-98, in an amount not to exceed the coverage limits specified above.

In the event that the [department] determines that [owner or operator] has failed to perform corrective action for releases arising out of the operation of the above-identified tank(s) in accordance with sections 33-24-08-50 through 33-24-08-57, the guarantor upon written instructions from the [department] shall fund a standby trust in accordance with the provisions of section 33-24-08-98, in an amount not to exceed the coverage limits specified above.

If [owner or operator] fails to satisfy a judgment or award based on a determination of liability for bodily injury or property damage to third parties caused by ["sudden" and/or "nonsudden"] accidental releases arising from the operation of the above-identified tank(s), or fails to pay an amount agreed to in settlement of a claim arising from, or alleged to arise from, such injury or damage, the guarantor, upon written instructions from the [department], shall fund a standby trust in accordance with the provisions of section 33-24-08-98 to satisfy such judgment(s), award(s), or settlement agreement(s) up to the limits of coverage specified above.

- (4) Guarantor agrees that if, at the end of any fiscal year before cancellation of this guarantee, the guarantor fails to meet the financial test criteria of subsections 2 or 3 and 4 of section 33-24-08-85, guarantor shall send within one hundred twenty days of such failure, by certified mail, notice to [owner or operator]. The guarantee will terminate one hundred twenty days from the date of receipt of the notice by [owner or operator], as evidenced by the return receipt.
- (5) Guarantor agrees to notify [owner or operator] by certified mail of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), United States Code naming guarantor as debtor, within ten days after commencement of the proceeding.
- (6) Guarantor agrees to remain bound under this guarantee notwithstanding any modification or alteration of any obligation of [owner or operator] pursuant to chapter 33-24-08.
- (7) Guarantor agrees to remain bound under this guarantee for so long as [owner or operator] must comply with the applicable

financial responsibility requirements of sections 33-24-08-80 through 33-24-08-102 for the above-identified tank(s), except that guarantor may cancel this guarantee by sending notice by certified mail to [owner or operator], such cancellation to become effective no earlier than one hundred twenty days after receipt of such notice by [owner or operator], as evidenced by the return receipt.

- (8) The guarantor's obligation does not apply to any of the following:
- (a) Any obligation of [insert owner or operator] under a workers' compensation, disability benefits, or unemployment compensation law or other similar law;
  - (b) Bodily injury to an employee of [insert owner or operator] arising from, and in the course of, employment by [insert owner or operator];
  - (c) Bodily injury or property damage arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;
  - (d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by [insert owner or operator] that is not the direct result of a release from a petroleum underground storage tank;
  - (e) Bodily damage or property damage for which [insert owner or operator] is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of section 33-24-08-83.
- (9) Guarantor expressly waives notice of acceptance of this guarantee by [the department], by any or all third parties, or by [owner or operator].

I hereby certify that the wording of this guarantee is identical to the wording specified in subsection 3 of section 33-24-08-86 as such regulations were constituted on the effective date shown immediately below.

Effective date: \_\_\_\_\_

[Name of guarantor]  
[Authorized signature for guarantor]  
[Name of person signing]  
[Title of person signing]  
Signature of witness or notary:

\_\_\_\_\_

4. An owner or operator who uses a guarantee to satisfy the requirements of section 33-24-08-83 must establish a standby trust fund when the guarantee is obtained. Under the terms of the guarantee, all amounts paid by the guarantor under the guarantee will be deposited directly into the standby trust fund in accordance with instructions from the department under section 33-24-08-98. The standby trust fund must meet the requirements specified in section 33-24-08-93.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-87. Insurance and risk retention group coverage.**

1. An owner or operator may satisfy the requirements of section 33-24-08-83 by obtaining liability insurance that conforms to the requirements of this section from a qualified insurer or risk retention group. Such insurance may be in the form of a separate insurance policy or an endorsement to an existing insurance policy.
2. Each insurance policy must be amended by an endorsement worded as specified in subdivision a, or evidenced by a certificate of insurance worded as specified in subdivision b, except that instructions in brackets must be replaced with the relevant information and the brackets deleted:

a. Endorsement

Name: [name of each covered location]

Address: [address of each covered location]

Policy Number: \_\_\_\_\_

Period of Coverage: [current policy period]

Name of [Insurer or Risk Retention Group]

Address of [Insurer or Risk Retention Group]:

Name of Insured: \_\_\_\_\_

Address of Insured: \_\_\_\_\_

**Endorsement:**

1. This endorsement certifies that the policy to which the endorsement is attached provides liability insurance covering the following underground storage tanks:

[List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank



covered by this instrument, list the tank identification number provided in the notification submitted pursuant to section 33-24-08-12, and the name and address of the facility.]

for [insert: "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases"; in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the policy; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the underground storage tank(s) identified above.

The limits of liability are [insert the dollar amount of the "each occurrence" and "annual aggregate" limits of the Insurer's or Group's liability; if the amount of coverage is different for different types of coverage or for different underground storage tanks or locations, indicate the amount of coverage for each type of coverage and/or for each underground storage tank or location], exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under [policy number]. The effective date of said policy is [date].

2. The insurance afforded with respect to such occurrences is subject to all of the terms and conditions of the policy; provided, however, that any provisions inconsistent with subsections a through e of this paragraph 2 are hereby amended to conform with subsections a through e;
  - a. Bankruptcy or insolvency of the insured shall not relieve the ["Insurer" or "Group"] of its obligations under the policy to which this endorsement is attached.
  - b. The ["Insurer" or "Group"] is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged third party, with a right of reimbursement by the insured for any such payment made by the ["Insurer" or "Group"]. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in sections 33-24-08-85 through 33-24-08-92.
  - c. Whenever requested by the [department], the ["Insurer" or "Group"] agrees to furnish to the [department]

a signed duplicate original of the policy and all endorsements.

- d. Cancellation or any other termination of the insurance by the ["Insurer" or "Group"]; except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of sixty days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of ten days after a copy of such written notice is received by the insured.

[Insert for claims-made policies:

- e. The insurance covers claims otherwise covered by the policy that are reported to the ["Insurer" or "Group"] within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive date or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive date, if applicable, and prior to such policy renewal or termination date. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.]

I hereby certify that the wording of this instrument is identical to the wording in subdivision a of subsection 2 of section 33-24-08-87 and that the ["Insurer" or "Group"] is ["licensed to transact the business of insurance or eligible to provide insurance as an excess or surplus lines insurer in one or more states"].

[Signature of authorized representative of Insurer or Risk Retention Group]  
[Name of person signing]  
[Title of person signing], Authorized Representative of [name of Insurer or Risk Retention Group]  
[Address of Representative]

#### b. Certificate of insurance

Name: [name of each covered location]

Address: [address of each covered location]

Policy Number: \_\_\_\_\_

Endorsement (if applicable) \_\_\_\_\_

Period of Coverage: [current policy period]

Name of [Insurer or Risk Retention Group]

Address of [Insurer or Risk Retention Group]:

Name of Insured: \_\_\_\_\_

Address of Insured: \_\_\_\_\_

Certification:

1. [Name of Insurer or Risk Retention Group], [the "Insurer" or "Group"], as identified above, hereby certifies that it has issued liability insurance covering the following underground storage tank(s):

[List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to section 33-24-08-12, and the name and address of the facility.]

for [insert: "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases"; in accordance with and subject to the limits of liability, exclusions, conditions, and other terms of the policy; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the underground storage tank(s) identified above.

The limits of liability are [insert the dollar amount of the "each occurrence" and "annual aggregate" limits of the Insurer's or Group's liability; if the amount of coverage is different for different types of coverage or for different underground storage tanks or locations, indicate the amount of coverage for each type of coverage and/or for each underground storage tank or location], exclusive of legal defense costs, which are subject to a separate limit under the policy. This coverage is provided under [policy number]. The effective date of said policy is [date].

2. The ["Insurer" or "Group"] further certifies the following with respect to the insurance described in paragraph 1:

- a. Bankruptcy or insolvency of the insured shall not relieve the ["Insurer" or "Group"] of its obligations under the policy to which this certificate applies.
- b. The ["Insurer" or "Group"] is liable for the payment of amounts within any deductible applicable to the policy to the provider of corrective action or a damaged third party, with a right of reimbursement by the insured for any such payment made by the ["Insurer" or "Group"]. This provision does not apply with respect to that amount of any deductible for which coverage is demonstrated under another mechanism or combination of mechanisms as specified in sections 33-24-08-85 through 33-24-08-92.
- c. Whenever requested by the [department], the ["Insurer" or "Group"] agrees to furnish to the [department] a signed duplicate original of the policy and all endorsements.
- d. Cancellation or any other termination of the insurance by the ["Insurer" or "Group"], except for nonpayment of premium or misrepresentation by the insured, will be effective only upon written notice and only after the expiration of sixty days after a copy of such written notice is received by the insured. Cancellation for nonpayment of premium or misrepresentation by the insured will be effective only upon written notice and only after expiration of a minimum of ten days after a copy of such written notice is received by the insured.

[Insert for claims-made policies:

- e. The insurance covers claims otherwise covered by the policy that are reported to the ["Insurer" or "Group"] within six months of the effective date of cancellation or nonrenewal of the policy except where the new or renewed policy has the same retroactive data or a retroactive date earlier than that of the prior policy, and which arise out of any covered occurrence that commenced after the policy retroactive data, if applicable, and prior to such policy renewal or termination data. Claims reported during such extended reporting period are subject to the terms, conditions, limits, including limits of liability, and exclusions of the policy.]

I hereby certify that the wording of this instrument is identical to the wording in subdivision b of subsection 2 of section 33-24-08-87 and that the ["Insurer" or

"Group"] is ["licensed to transact the business of insurance, or eligible to provide insurance as an excess or surplus lines insurer, in one or more states"].

[Signature of authorized representative of Insurer]

[Type name]

[Title], Authorized Representative of [name of Insurer or Risk Retention Group]

[Address of Representative]

3. Each insurance policy must be issued by an insurer or a risk retention group that, at a minimum, is licensed to transact the business of insurance or eligible to provide insurance as an excess or surplus lines insurer in one or more states.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-88. Surety bond.**

1. An owner or operator may satisfy the requirements of section 33-24-08-83 by obtaining a surety bond that conforms to the requirements of this section. The surety company issuing the bond must be among those listed as acceptable sureties on federal bonds in the latest circular 570 of the United States department of the treasury.
2. The surety bond must be worded as follows, except that instructions in brackets must be replaced with the relevant information and the brackets deleted:

#### **Performance Bond**

Date bond executed: \_\_\_\_\_

Period of coverage: \_\_\_\_\_

Principal: [legal name and business address of owner or operator] \_\_\_\_\_

Type of organization: [insert "individual", "joint venture", "partnership", or "corporation"] \_\_\_\_\_

State of incorporation (if applicable): \_\_\_\_\_

Surety(ies): [name(s) and business address(es)] \_\_\_\_\_

Scope of Coverage: [List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to section 33-24-08-12, and the name and address of the facility. List the

coverage guaranteed by the bond: "taking corrective action" provided in the notification submitted pursuant to and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases" "arising from operating the underground storage tank"].

Penal sums of bond:

Per occurrence \$\_\_\_\_\_

Annual aggregate \$\_\_\_\_\_

Surety's bond number: \_\_\_\_\_

Know all Persons by These Presents, that we, the Principal and Surety(ies), hereto are firmly bound to [the department], in the above penal sums for the payment of which we bind ourselves, our heirs, executors, administrators, successors, and assigns jointly and severally; provided that, where the Surety(ies) are corporations acting as co-sureties, we, the Sureties, bind ourselves in such sums jointly and severally only for the purpose of allowing a joint action or actions against any or all of us, and for all other purposes each Surety binds itself, jointly and severally with the Principal, for the payment of such sums only as is set forth opposite the name of such Surety, but if no limit of liability is indicated, the limit of liability shall be the full amount of the penal sums.

Whereas said Principal is required under section 23-20.3-04.1 of the North Dakota Century Code to provide financial assurance for [insert: "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accident releases" or "nonsudden accidental releases" or "accidental releases"; if coverage is different for different tanks or locations, indicate the type of coverage applicable to each tank or location] arising from operating the underground storage tanks identified above, and

Whereas said Principal shall establish a standby trust fund as is required when a surety bond is used to provide such financial assurance;

Now, therefore, the conditions of the obligation are such that if the Principal shall faithfully ["take corrective action, in accordance with sections 33-24-08-50 through 33-24-08-57 and the department's instructions for", and/or "compensate injured third parties for bodily injury and property damage caused by" either "sudden" or "nonsudden" or "sudden and nonsudden"] accidental releases arising from operating the tank(s) identified above, or if the Principal shall provide alternate financial assurance, as specified in sections 33-24-08-80 through 33-24-08-102, within one hundred twenty days after the date the notice of cancellation is received by the Principal from the Surety(ies), then

this obligation shall be null and void; otherwise it is to remain in full force and effect.

Such obligation does not apply to any of the following:

- (a) Any obligation of [insert owner or operator] under a workers' compensation, disability benefits, or unemployment compensation law or other similar law;
- (b) Bodily injury to an employee of [insert owner or operator] arising from, and in the course of, employment by [insert owner or operator];
- (c) Bodily injury or property damage arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;
- (d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by [insert owner or operator] that is not the direct result of a release from a petroleum underground storage tank;
- (e) Bodily injury or property damage for which [insert owner or operator] is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of section 33-24-08-83.

The Surety(ies) shall become liable on this bond obligation only when the Principal has failed to fulfill the conditions described above.

Upon notification by the [department] that the Principal has failed to ["take corrective action, in accordance with chapter 33-24-08, sections 33-24-08-50 through 33-24-08-57 and the department's instructions", and/or "compensate injured third parties"] as guaranteed by this bond, the Surety(ies) shall either perform ["corrective action in accordance with chapter 33-24-08 and the department's instructions", and/or "third-party liability compensation"] or place funds in an amount up to the annual aggregate penal sum into the standby trust fund as directed by the [department] under section 33-24-08-98.

Upon notification by the [department] that the Principal has failed to provide alternate financial assurance within sixty days after the date the notice of cancellation is received by the Principal from the Surety(ies) and that the [department] has determined or suspects that a release has occurred, the Surety(ies) shall place funds in an amount not exceeding the annual aggregate penal sum into the standby trust fund as directed by the [department] under section 33-24-08-98.

The Surety(ies) hereby waive(s) notification of amendments to applicable laws, statutes, rules, and regulations and agrees that no

such amendment shall in any way alleviate its(their) obligation on this bond.

The liability of the Surety(ies) shall not be discharged by any payment or succession of payments hereunder, unless and until such payment or payments shall amount in the annual aggregate to the penal sum shown on the face of the bond, but in no event shall the obligation of the Surety(ies) hereunder exceed the amount of said annual aggregate penal sum.

The Surety(ies) may cancel the bond by sending notice of cancellation by certified mail to the Principal, provided, however, that cancellation shall not occur during the one hundred twenty days beginning on the date of receipt of the notice of cancellation by the Principal, as evidenced by the return receipt.

The Principal may terminate this bond by sending written notice to the Surety(ies).

In Witness Whereof, the Principal and Surety(ies) have executed this Bond and have affixed their seals on the date set forth above.

The persons whose signatures appear below hereby certify that they are authorized to execute this surety bond on behalf of the Principal and Surety(ies) and that the wording of this surety bond is identical to the wording specified in subsection 2 of section 33-24-08-88 as such regulations were constituted on the date this bond was executed.

Principal

[Signature(s)]

[Name(s)]

[Title(s)]

[Corporate seal]

Corporate Surety(ies)

[Name and address]

[State of Incorporation: \_\_\_\_\_]

[Liability limit: \$\_\_\_\_\_]

[Signature(s)]

[Name(s) and title(s)]



[Corporate seal]

[For every co-surety, provide signature(s), corporate seal, and other information in the same manner as for Surety above.]

Bond premium: \$\_\_\_\_\_

3. Under the terms of the bond, the surety will become liable on the bond obligation when the owner or operator fails to perform as guaranteed by the bond. In all cases, the surety's liability is limited to the per-occurrence and annual aggregate penal sums.
4. The owner or operator who uses a surety bond to satisfy the requirements of section 33-24-08-83 must establish a standby trust fund when the surety bond is acquired. Under the terms of the bond, all amounts paid by the surety under the bond will be deposited directly into the standby trust fund in accordance with instructions from the department under section 33-24-08-98. This standby trust fund must meet the requirements specified in section 33-24-08-93.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-89. Letter of credit.**

1. An owner or operator may satisfy the requirements of section 33-24-08-83 by obtaining an irrevocable standby letter of credit that conforms to the requirements of this section. The issuing institution must be an entity that has the authority to issue letters of credit in each state where used and whose letter-of-credit operations are regulated and examined by a federal or state agency.
2. The letter of credit must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

#### **Irrevocable Standby Letter of Credit**

[Name and address of issuing institution]  
[Name and address of director(s) of state implementing  
agency(ies)]

Dear Sir or Madam: We hereby establish our Irrevocable Standby Letter of Credit No. \_\_\_\_\_ in your favor, at the request and for the account of [owner or operator name] of [address] up to the aggregate amount of [in words] U.S. dollars (\$[insert dollar amount]), available upon presentation [insert, if more than one director of a state implementing agency is a beneficiary, "by any one of you"] of

(1) Your sight draft, bearing reference to this letter of credit, No.\_\_\_\_\_,  
and

(2) Your signed statement reading as follows: "I certify that the amount of the draft is payable pursuant to regulations issued under authority of chapter 23-20.3-04.1 of the North Dakota Century Code".

This letter of credit may be drawn on to cover [insert: "taking corrective action" and/or "compensating third parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases"] arising from operating the underground storage tank(s) identified below in the amount of [in words]\$(insert dollar amount) per occurrence and [in words]\$(insert dollar amount) annual aggregate:

[List the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located. If more than one instrument is used to assure different tanks at any one facility, for each tank covered by this instrument, list the tank identification number provided in the notification submitted pursuant to section 33-24-08-12, and the name and address of the facility.]

The letter of credit may not be drawn on to cover any of the following:

(a) Any obligation of [insert owner or operator] under a workers' compensation, disability benefits, or unemployment compensation law or other similar law;

(b) Bodily injury to an employee of [insert owner or operator] arising from, and in the course of, employment by [insert owner or operator];

(c) Bodily injury or property damage arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;

(d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by [insert owner or operator] that is not the direct result of a release from a petroleum underground storage tank;

(e) Bodily injury or property damage for which [insert owner or operator] is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of section 33-24-08-83.

This letter of credit is effective as of [date] and shall expire on [date], but such expiration date shall be automatically extended for a period of [at least the length of the original term] on [expiration date] and on each successive expiration date, unless, at least one hundred twenty

days before the current expiration date, we notify [owner or operator] by certified mail that we have decided not to extend this letter of credit beyond the current expiration date. In the event that [owner or operator] is so notified, any unused portion of the credit shall be available upon presentation of your sight draft for one hundred twenty days after the date of receipt by [owner or operator], as shown on the signed return receipt.

Whenever this letter of credit is drawn on under and in compliance with the terms of this credit, we shall duly honor such draft upon presentation to us, and we shall deposit the amount of the draft directly into the standby trust fund of [owner or operator] in accordance with your instructions.

We certify that the wording of this letter of credit is identical to the wording specified in subsection 2 of section 33-24-08-89 as such regulations were constituted on the date shown immediately below.

[Signature(s) and title(s) of official(s) of issuing institution]  
[Date]

This credit is subject to [insert "the most recent edition of the Uniform Customs and Practice for Documentary Credits, published by the International Chamber of Commerce", or "the Uniform Commercial Code"]].

3. An owner or operator who uses a letter of credit to satisfy the requirements of section 33-24-08-83 must also establish a standby trust fund when the letter of credit is acquired. Under the terms of the letter of credit, all amounts paid pursuant to a draft by the department will be deposited by the issuing institution directly into the standby trust fund in accordance with instructions from the department under section 33-24-08-98. This standby trust fund must meet the requirements specified in section 33-24-08-93.
4. The letter of credit must be irrevocable with a term specified by the issuing institution. The letter of credit must provide that credit be automatically renewed for the same term as the original term, unless, at least one hundred twenty days before the current expiration date, the issuing institution notifies the owner or operator by certified mail of its decision not to renew the letter of credit. Under the terms of the letter of credit, the one hundred twenty days will begin on the date when the owner or operator receives the notice, as evidenced by the return receipt.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-90. [Reserved]**

**33-24-08-91. State fund or other state assurance. [Reserved]**

**33-24-08-92. Trust fund.**

1. An owner or operator may satisfy the requirements of section 33-24-08-83 by establishing a trust fund that conforms to the requirements of this section. The trustee must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal agency or an agency of the state in which the fund is established.
2. The wording of the trust agreement must be identical to the wording specified in subdivision a of subsection 2 of section 33-24-08-93, and must be accompanied by a formal certification of acknowledgment as specified in subdivision b of subsection 2 of section 33-24-08-93.
3. The trust fund, when established, must be funded for the full required amount of coverage, or funded for part of the required amount of coverage and used in combination with other mechanisms that provide the remaining required coverage.
4. If the value of the trust fund is greater than the required amount of coverage, the owner or operator may submit a written request to the department for release of the excess.
5. If other financial assurance as specified in sections 33-24-08-80 through 33-24-08-102 is substituted for all or part of the trust fund, the owner or operator may submit a written request to the department for release of the excess.
6. Within sixty days after receiving a request from the owner or operator for release of funds as specified in subsection 4 or 5, the department will instruct the trustee to release to the owner or operator such funds as the department specifies in writing.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-93. Standby trust fund.**

1. An owner or operator using any one of the mechanisms authorized by section 33-24-08-86, 33-24-08-88, or 33-24-08-89 must establish a standby trust fund when the mechanism is acquired. The trustee of the standby trust fund must be an entity that has the authority to act as a trustee and whose trust operations are regulated and examined by a federal agency or an agency of the state in which the fund is established.
2. The following apply:

- a. The standby trust agreement, or trust agreement, must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

### **Trust Agreement**

Trust agreement, the "Agreement", entered into as of [date] by and between [name of the owner or operator], a [name of state] [insert "corporation", "partnership", "association", or "proprietorship"], the "Grantor", and [name of corporate trustee], [insert "Incorporated in the state of \_\_\_\_\_" or "a national bank"], the "Trustee".

Whereas, the department has established certain regulations applicable to the Grantor, requiring that an owner or operator of an underground storage tank shall provide assurance that funds will be available when needed for corrective action and third-party compensation for bodily injury and property damage caused by sudden and nonsudden accidental releases arising from the operation of the underground storage tank. The attached schedule A lists the number of tanks at each facility and the name(s) and address(es) of the facility(ies) where the tanks are located that are covered by the standby trust agreement.

[Whereas, the Grantor has elected to establish [insert either "a guarantee", "surety bond", or "letter of credit"] to provide all or part of such financial assurance for the underground storage tanks identified herein and is required to establish a standby trust fund able to accept payments from the instrument (This paragraph is only applicable to the standby trust agreement.)];

[Whereas, the Grantor, acting through its duly authorized officers, has selected the Trustee to be the trustee under this agreement, and the Trustee is willing to act as trustee;

Now, therefore, the Grantor and the Trustee agree as follows:

#### **Section 1. Definitions.**

As used in this Agreement:

(a) The term "Grantor" means the owner or operator who enters into this Agreement and any successors or assigns of the Grantor.

(b) The term "Trustee" means the Trustee who enters into this Agreement and any successor Trustee.

#### **Section 2. Identification of the Financial Assurance Mechanism.**

This Agreement pertains to the [identify the financial assurance mechanism, either a guarantee, surety bond, or letter of credit, from which the standby trust fund is established to receive payments (This paragraph is only applicable to the standby trust agreement.)].

### Section 3. Establishment of Fund.

The Grantor and the Trustee hereby establish a trust fund, the "Fund", for the benefit of [the department]. The Grantor and the Trustee intend that no third party have access to the Fund except as herein provided [The Fund is established initially as a standby to receive payments and shall not consist of any property.]. Payments made by the provider of financial assurance pursuant to the [department's] instruction are transferred to the Trustee and are referred to as the Fund, together with all earnings and profits thereon, less any payments or distributions made by the Trustee pursuant to this Agreement. The Fund shall be held by the Trustee, IN TRUST, as hereinafter provided. The Trustee shall not be responsible nor shall it undertake any responsibility for the amount or adequacy of, nor any duty to collect from the Grantor as provider of financial assurance, any payments necessary to discharge any liability of the Grantor established by the [department].

### Section 4. Payment for ["Corrective Action" and/or "Third-Party Liability Claims"].

The Trustee shall make payments from the Fund as [the department] shall direct, in writing, to provide for the payment of the costs of [insert: "taking corrective action" and/or "compensating third-parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases"] arising from operating the tanks covered by the financial assurance mechanism identified in this Agreement.

The Fund may not be drawn upon to cover any of the following:

- (a) Any obligation of [insert owner or operator] under a workers' compensation, disability benefits, or unemployment compensation law or other similar law;
- (b) Bodily injury to an employee of [insert owner or operator] arising from, and in the course of employment by [insert owner or operator];
- (c) Bodily injury or property damage arising from the ownership, maintenance, use, or entrustment to others of any aircraft, motor vehicle, or watercraft;
- (d) Property damage to any property owned, rented, loaned to, in the care, custody, or control of, or occupied by [insert owner or operator]

that is not the direct result of a release from a petroleum underground storage tank;

(e) Bodily injury or property damage for which [insert owner or operator] is obligated to pay damages by reason of the assumption of liability in a contract or agreement other than a contract or agreement entered into to meet the requirements of section 33-24-08-83.

The Trustee shall reimburse the Grantor, or other persons as specified by the [department], from the Fund for corrective action expenditures and/or third-party liability claims in such amounts as the [department] shall direct in writing. In addition, the Trustee shall refund to the Grantor such amounts as the [department] specifies in writing. Upon refund, such funds shall no longer constitute part of the Fund as defined herein.

#### Section 5. Payments Comprising the Fund.

Payments made to the Trustee for the Fund shall consist of cash and securities acceptable to the Trustee.

#### Section 6. Trustee Management.

The Trustee shall invest and reinvest the principal and income of the Fund and keep the Fund invested as a single fund, without distinction between principal and income, in accordance with general investment policies and guidelines which the Grantor may communicate in writing to the Trustee from time to time, subject, however, to the provisions of this section. In investing, reinvesting, exchanging, selling, and managing the Fund, the Trustee shall discharge the duties of the Trustee with respect to the trust fund solely in the interest of the beneficiaries and with the care, skill, prudence, and diligence under the circumstances then prevailing which persons of prudence, acting in a like capacity and familiar with such matters, would use in the conduct of an enterprise of a like character and with like aims; except that:

(i) Securities or other obligations of the Grantor, or any other owner or operator of the tanks, or any of their affiliates as defined in the Investment Company Act of 1940, as amended, 15 U.S.C. 80a-2(a), shall not be acquired or held, unless they are securities or other obligations of the federal or a state government;

(ii) The Trustee is authorized to invest the Fund in time or demand deposits of the Trustee, to the extent insured by an agency of the federal or state government; and

(iii) The Trustee is authorized to hold cash awaiting investment or distribution uninvested for a reasonable time and without liability for the payment of interest thereon.

## Section 7. Commingling and Investment.

The Trustee is expressly authorized in its discretion:

(a) To transfer from time to time any or all of the assets of the Fund to any common, commingled, or collective trust fund created by the Trustee in which the Fund is eligible to participate, subject to all the provisions thereof, to be commingled with the assets of other trusts participating therein; and

(b) To purchase shares in any investment company registered under the Investment Company Act of 1940, 15 U.S.C. 80a-1 et seq., including one which may be created, managed, underwritten, or to which investment advice is rendered or the shares of which are sold by the Trustee. The Trustee may vote such shares in its discretion.

## Section 8. Express Powers of Trustee.

Without in any way limiting the powers and discretions conferred upon the Trustee by the other provisions of this Agreement or by law, the Trustee is expressly authorized and empowered:

(a) To sell, exchange, convey, transfer, or otherwise dispose of any property held by it, by public or private sale. No person dealing with the Trustee shall be bound to see to the application of the purchase money or to inquire into the validity or expediency of any such sale or other disposition;

(b) To make, execute, acknowledge, and deliver any and all documents of transfer and conveyance and any and all other instruments that may be necessary or appropriate to carry out the powers herein granted;

(c) To register any securities held in the Fund in its own name or in the name of a nominee and to hold any security in bearer form or in book entry, or to combine certificates representing such securities with certificates of the same issue held by the Trustee in other fiduciary capacities, or to deposit or arrange for the deposit of such securities in a qualified central depository even though, when so deposited, such securities may be merged and held in bulk in the name of the nominee of such depository with other securities deposited therein by another person, or to deposit or arrange for the deposit of any securities issued by the United States Government, or any agency or instrumentality thereof, with a Federal Reserve bank, but the books and records of the Trustee shall at all times show that all such securities are part of the Fund;

(d) To deposit any cash in the Fund in interest-bearing accounts maintained or savings certificates issued by the Trustee, in its separate corporate capacity, or in any other banking institution affiliated with



the Trustee, to the extent insured by an agency of the federal or state government; and

(e) To compromise or otherwise adjust all claims in favor of or against the Fund.

#### Section 9. Taxes and Expenses.

All taxes of any kind that may be assessed or levied against or in respect of the Fund and all brokerage commissions incurred by the Fund shall be paid from the Fund. All other expenses incurred by the Trustee in connection with the administration of this Trust, including fees for legal services rendered to the Trustee, the compensation of the Trustee to the extent not paid directly by the Grantor, and all other proper charges and disbursements of the Trustee shall be paid from the Fund.

#### Section 10. Advice of Counsel.

The Trustee may from time to time consult with counsel, who may be counsel to the Grantor, with respect to any questions arising as to the construction of this Agreement or any action to be taken hereunder. The Trustee shall be fully protected, to the extent permitted by law, in acting upon the advice of counsel.

#### Section 11. Trustee Compensation.

The Trustee shall be entitled to reasonable compensation for its services as agreed upon in writing from time to time with the Grantor.

#### Section 12. Successor Trustee.

The Trustee may resign or the Grantor may replace the Trustee, but such resignation or replacement shall not be effective until the Grantor has appointed a successor trustee and this successor accepts the appointment. The successor trustee shall have the same powers and duties as those conferred upon the Trustee hereunder. Upon the successor trustee's acceptance of the appointment, the Trustee shall assign, transfer, and pay over to the successor trustee the funds and properties then constituting the Fund. If for any reason the Grantor cannot or does not act in the event of the resignation of the Trustee, the Trustee may apply to a court of competent jurisdiction for the appointment of a successor trustee or for instructions. The successor trustee shall specify the date on which it assumes administration of the trust in writing sent to the Grantor and the present Trustee by certified mail ten days before such change becomes effective. Any expenses incurred by the Trustee as a result of any of the acts contemplated by this Section shall be paid as provided in Section 9.

#### Section 13. Instructions to the Trustee.

All orders, requests, and instructions by the Grantor to the Trustee shall be in writing, signed by such persons as are designated in the attached Schedule B or such other designees as the Grantor may designate by amendment to Schedule B. The Trustee shall be fully protected in acting without inquiry in accordance with the Grantor's orders, requests, and instructions. All orders, requests, and instructions by the [department] to the Trustee shall be in writing, signed by the [department], and the Trustee shall act and shall be fully protected in acting in accordance with such orders, requests, and instructions. The Trustee shall have the right to assume, in the absence of written notice to the contrary, that no event constituting a change or a termination of the authority of any person to act on behalf of the Grantor or the [department] hereunder has occurred. The Trustee shall have no duty to act in the absence of such orders, requests, and instructions from the Grantor and/or the [department], except as provided for herein.

#### Section 14. Amendment of Agreement.

This Agreement may be amended by an instrument in writing executed by the Grantor and the Trustee, or by the Trustee and [the department] if the Grantor ceases to exist.

#### Section 15. Irrevocability and Termination.

Subject to the right of the parties to amend this Agreement as provided in Section 14, this Trust shall be irrevocable and shall continue until terminated at the written direction of the Grantor and the Trustee, or by the Trustee and the [department], if the Grantor ceases to exist. Upon termination of the Trust, all remaining trust property, less final trust administration expenses, shall be delivered to the Grantor.

#### Section 16. Immunity and Indemnification.

The Trustee shall not incur personal liability of any nature in connection with any act or omission, made in good faith, in the administration of this Trust, or in carrying out any directions by the Grantor or the [department] issued in accordance with this Agreement. The Trustee shall be indemnified and saved harmless by the Grantor, from and against any personal liability to which the Trustee may be subjected by reason of any act or conduct in its official capacity, including all expenses reasonably incurred in its defense in the event the Grantor fails to provide such defense.

#### Section 17. Choice of Law.

This agreement shall be administered, construed, and enforced according to the laws of the state of [insert name of state], or the Comptroller of the Currency in the case of National Association of banks.

## Section 18. Interpretation.

As used in this Agreement, words in the singular include the plural and words in the plural include the singular. The descriptive headings for each section of this Agreement shall not affect the interpretation or the legal efficacy of this Agreement.

In Witness whereof the parties have caused this Agreement to be executed by their respective officers duly authorized and their corporate seals (if applicable) to be hereunto affixed and attested as of the date first above written. The parties below certify that the wording of this Agreement is identical to the wording specified in subdivision a of subsection 2 of section 33-24-08-93 as such regulations were constituted on the date written above.

[Signature of Grantor]

[Name of the Grantor]

[Title]

Attest:

[Signature of Trustee]

[Name of the Trustee]

[Title]

[Seal]

[Signature of Witness]

[Name of the Witness]

[Title]

[Seal]

- b. The standby trust agreement, or trust agreement, must be accompanied by a formal certification of acknowledgment similar to the following.

State of \_\_\_\_\_

County of \_\_\_\_\_

On this [date], before me personally came [owner or operator] to me known, who, being by me duly sworn, did depose and say that the owner or operator resides at [address], that the owner or operator is [title] of [corporation], the corporation described in and which executed the above instrument; that the owner or operator knows the seal of said corporation; that the seal affixed to such instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; and that the owner or operator signed their name thereto by like order.

[Signature of Notary Public]

[Name of Notary Public]

3. The department will instruct the trustee to refund the balance of the standby trust fund to the provider of financial assurance if the department determines that no additional corrective action costs or third-party liability claims will occur as a result of a release covered by

the financial assurance mechanism for which the standby trust fund was established.

4. An owner or operator may establish one trust fund as the depository mechanism for all funds assured in compliance with this section.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-94. Substitution of financial assurance mechanisms by owner or operator.**

1. An owner or operator may substitute any alternate financial assurance mechanisms as specified in sections 33-24-08-80 through 33-24-08-102, provided that at all times the owner or operator maintains an effective financial assurance mechanism or combination of mechanisms that satisfies the requirements of section 33-24-08-83.
2. After obtaining alternate financial assurance as specified in sections 33-24-08-80 through 33-24-08-102, an owner or operator may cancel a financial assurance mechanism by providing notice to the provider of financial assurance.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-95. Cancellation or nonrenewal by provider of financial assurance.**

1. Except as otherwise provided, a provider of financial assurance may cancel or fail to renew an assurance mechanism by sending a notice of termination by certified mail to the owner or operator.
  - a. Termination of a guarantee, a surety bond, or a letter of credit may not occur until one hundred twenty days after the date on which the owner or operator receives the notice of termination, as evidenced by the return receipt.
  - b. Termination of insurance or risk retention group coverage, except for nonpayment or misrepresentation by the insured, or state-funded assurance may not occur until sixty days after the date on which the owner or operator receives the notice of termination, as evidenced by the return receipt. Termination for nonpayment of premium or misrepresentation by the insured may not occur until a minimum of ten days after the date on which the owner or operator receives the notice of termination, as evidenced by the return receipt.

2. If a provider of financial responsibility cancels or fails to renew for reasons other than incapacity of the provider as specified in section 33-24-08-96, the owner or operator must obtain alternate coverage as specified in this section within sixty days after receipt of the notice of termination. If the owner or operator fails to obtain alternate coverage within sixty days after receipt of the notice of termination, the owner or operator must notify the department of such failure and submit:
  - a. The name and address of the provider of financial assurance;
  - b. The effective date of termination; and
  - c. The evidence of the financial assistance mechanism subject to the termination maintained in accordance with subsection 2 of section 33-24-08-97.

**History:** Effective December 1, 1989; amended effective April 1, 1992.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-96. Reporting by owner or operator.**

1. An owner or operator must submit the appropriate forms listed in subsection 2 of section 33-24-08-97 documenting current evidence of financial responsibility to the department:
  - a. Within thirty days after the owner or operator identifies a release from an underground storage tank required to be reported under section 33-24-08-43 or 33-24-08-51;
  - b. If the owner or operator fails to obtain alternate coverage as required by sections 33-24-08-80 through 33-24-08-102, within thirty days after the owner or operator receives notice of:
    - (1) Commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), United States Code, naming a provider of financial assurance as a debtor;
    - (2) Suspension or revocation of the authority of a provider of financial assurance to issue a financial assurance mechanism;
    - (3) Failure of a guarantor to meet the requirements of the financial test;
    - (4) Other incapacity of a provider of financial assurance; or
  - c. As required by subsection 7 of section 33-24-08-85 and subsection 2 of section 33-24-08-95.

2. An owner or operator must certify compliance with the financial responsibility requirements of chapter 33-24-08 as specified in the new tank notification form when notifying the department of the installation of a new underground storage tank under section 33-24-08-12.
3. The department may require an owner or operator to submit evidence of financial assurance as described in subsection 2 of section 33-24-08-97 or other information relevant to compliance with sections 33-24-08-80 through 33-24-08-102 at any time.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-97. Recordkeeping.**

1. Owners or operators must maintain evidence of all financial assurance mechanisms used to demonstrate financial responsibility under sections 33-24-08-80 through 33-24-08-102 for an underground storage tank until released from the requirements of sections 33-24-08-80 through 33-24-08-102 under section 33-24-08-99. An owner or operator must maintain such evidence at the underground storage tank site or the owner's or operator's place of business. Records maintained offsite must be made available upon request of the department.
2. An owner or operator must maintain the following types of evidence of financial responsibility;
  - a. An owner or operator using an assurance mechanism specified in sections 33-24-08-85 through 33-24-08-90 or section 33-24-08-92 must maintain a copy of the instrument worded as specified;
  - b. An owner or operator using a financial test or guarantee must maintain a copy of the chief financial officer's letter based on yearend financial statements for the most recent completed financial reporting year. Such evidence must be on file no later than one hundred twenty days after the close of the financial reporting year;
  - c. An owner or operator using a guarantee, surety bond, or letter of credit must maintain a copy of the signed standby trust fund agreement and copies of any amendments to the agreement;
  - d. An owner or operator using an insurance policy or risk retention group coverage must maintain a copy of the signed insurance policy or risk retention group coverage policy, with the endorsement or certificate of insurance and any amendments to the agreements;

- e. An owner or operator covered by a state fund or other state assurance must maintain on file a copy of any evidence of coverage supplied by or required by the state under section 33-24-08-91; and
- f. An owner or operator using an assurance mechanism specified in sections 33-24-08-85 through 33-24-08-92 must maintain an updated copy of a certification of financial responsibility worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

### **Certification of Financial Responsibility**

[Owner or operator] hereby certifies that it is in compliance with the requirements of sections 33-24-08-80 through 33-24-08-102.

The financial assurance mechanism(s) used to demonstrate financial responsibility under sections 33-24-08-80 through 33-24-08-102 is [are] as follows:

[For each mechanism, list the type of mechanism, name of issuer, mechanism number (if applicable), amount of coverage, effective period of coverage and whether the mechanism covers "taking corrective action" and/or "compensating third-parties for bodily injury and property damage caused by" either "sudden accidental releases" or "nonsudden accidental releases" or "accidental releases".]

[Signature of owner or operator]  
[Name of owner or operator]  
[Title]  
[Date]  
[Signature of witness or notary]  
[Name of witness or notary]  
[Date]

The owner or operator must update this certification whenever the financial assurance mechanism(s) used to demonstrate financial responsibility change(s).

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### **33-24-08-98. Drawing on financial assurance mechanisms.**

1. The department shall require the guarantor, surety, or institution issuing a letter of credit to place the amount of funds stipulated by the department, up to the limit of funds provided by the financial assurance mechanism, into the standby trust if:

- a. The following apply:
    - (1) The owner or operator fails to establish alternate financial assurance within sixty days after receiving notice of cancellation of the guarantee, surety bond, letter of credit, or, as applicable, other financial assurance mechanisms; and
    - (2) The department determines or suspects that a release from an underground storage tank covered by the mechanism has occurred and so notifies the owner or operator or the owner or operator has notified the department pursuant to sections 33-24-08-40 through 33-24-08-43 or 33-24-08-50 through 33-24-08-57 of a release from an underground storage tank covered by the mechanism; or
  - b. The conditions of subdivision a of subsection 2 or paragraphs 1 or 2 of subdivision b of subsection 2 are satisfied.
2. The department may draw on a standby trust fund when:
- a. The department makes a final determination that a release has occurred and immediate or long-term corrective action for the release is needed, and the owner or operator, after appropriate notice and opportunity to comply, has not conducted corrective action as required under sections 33-24-08-50 through 33-24-08-57; or
  - b. The department has received either:
    - (1) Certification from the owner or operator and the third-party liability claimants and from attorneys representing the owner or operator and the third-party liability claimants that a third-party liability claim should be paid. The certification must be worded as follows, except that instructions in brackets are to be replaced with the relevant information and the brackets deleted:

### **Certification of Valid Claim**

The undersigned, as principals and as legal representatives of [insert owner or operator] and [insert name and address of third party claimant], hereby certify that the claim of bodily injury [and/or] property damage caused by an accidental release arising from operating [owner's or operator's] underground storage tank should be paid in the amount of \$[\_\_\_\_\_].

[Signatures]

Owner or Operator

Attorney for Owner or Operator

[Notary]

Date



[Signature(s)]  
Claimant(s)  
Attorney(s) for Claimant(s)  
[Notary]                      Date                      or

- (2) A valid final court order establishing a judgment against the owner or operator for bodily injury or property damage caused by an accidental release from an underground storage tank covered by financial assurance under sections 33-24-08-80 through 33-24-08-102 and the department determines that the owner or operator has not satisfied the judgment.
3. If the department determines that the amount of corrective action costs and third-party liability claims eligible for payment under subsection 2 may exceed the balance of the standby trust fund and the obligation of the provider of financial assurance, the first priority for payment shall be corrective action costs necessary to protect human health and the environment. The department shall pay third-party liability claims in the order in which the department receives certifications under paragraph 1 of subdivision b of subsection 2 and valid court orders under paragraph 2 of subdivision b of subsection 2.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-99. Release from requirements.** An owner or operator is no longer required to maintain financial responsibility under sections 33-24-08-80 through 33-24-08-102 for an underground storage tank after the tank has been properly closed or, if corrective action is required, after corrective action has been completed and the tank has been properly closed as required by sections 33-24-08-60 through 33-24-08-64.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-100. Bankruptcy or other incapacity of owner or operator or provider of financial assurance.**

1. Within ten days after commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), United States Code naming an owner or operator as debtor, the owner or operator must notify the department by certified mail of such commencement and submit the appropriate forms listed in subsection 2 of section 33-24-08-97 documenting current financial responsibility.
2. Within ten days after commencement of a voluntary or involuntary proceeding under Title 11 (Bankruptcy), United States Code, naming a guarantor providing financial assurance as debtor, such guarantor must

notify the owner or operator by certified mail of such commencement as required under the terms of the guarantee specified in section 33-24-08-86.

3. An owner or operator who obtains financial assurance by a mechanism other than the financial test of self-insurance will be deemed to be without the required financial assurance in the event of a bankruptcy or incapacity of its provider of financial assurance, or a suspension or revocation of the authority of the provider of financial assurance to issue a guarantee, insurance policy, risk retention group coverage policy, surety bond, letter of credit, or state-required mechanism. The owner or operator must obtain alternate financial assurance as specified in sections 33-24-08-80 through 33-24-08-102 within thirty days after receiving notice of such an event. If the owner or operator does not obtain alternate coverage within thirty days after such notification, the owner or operator must notify the department.
4. Within thirty days after receipt of notification that a state fund or other state assurance has become incapable of paying for assured corrective action or third-party compensation costs, the owner or operator must obtain alternate financial assurance.

**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

**33-24-08-101. Replenishment of guarantees, letters of credit, or surety bonds.**

1. If at any time after a standby trust is funded upon the instruction of the department with funds drawn from a guarantee, letter of credit, or surety bond, and the amount in the standby trust is reduced below the full amount of coverage required, the owner or operator shall by the anniversary date of the financial mechanism from which the funds were drawn:
  - a. Replenish the value of financial assurance to equal the full amount of coverage required; or
  - b. Acquire another financial assurance mechanism for the amount which funds in the standby trust have been reduced.
2. For purposes of this section, the full amount of coverage required is the amount of coverage to be provided by section 33-24-08-83. If a combination of mechanisms was used to provide the assurance funds

which were drawn upon, replenishment shall occur by the earliest anniversary date among the mechanisms.


**History:** Effective December 1, 1989.

**General Authority:** NDCC 23-20.3-03, 23-20.3-04.1

**Law Implemented:** NDCC 23-20.3-04.1

### 33-24-08-102. Suspension of enforcement. [Reserved]

#### Appendix I

 <b>NOTIFICATION FOR UNDERGROUND STORAGE TANKS</b> NORTH DAKOTA STATE DEPARTMENT OF HEALTH AND CONSOLIDATED LABORATORIES SPN 10990 2/89		<b>Type of Owner (Check one)</b> <input type="checkbox"/> State or Local Government <input type="checkbox"/> Private <input type="checkbox"/> Federal Government (Give Facility I.D. Number) <input type="checkbox"/> Ownership uncertain	
Tank Owner Name			
Street Address	City	State	Zip Code Phone Number
Contact Person	Title		
Street Address	City	State	Zip Code Phone Number
Facility Name Where Tanks Located		County	
Street Address/Section, Township, Range	Nearest City	State	Zip Code Number of Tanks
<b>Type of Notification</b> <input type="checkbox"/> First <input type="checkbox"/> Amended		<b>Are Tanks Located on Indian Land?</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	

**Notes:** If there are more than five underground storage tanks at this location, make additional copies of this form before filling in any data.

#### DESCRIPTION OF UNDERGROUND STORAGE TANK

	Tank No. ____	Tank No. ____	Tank No. ____	Tank No. ____	Tank No. ____
<b>1. STATUS OF TANK</b> (Check One) Currently in use Temporarily out of use Permanently out of use Brought into use after 5/8/86					
<b>2. ESTIMATED AGE (YEARS)</b>					
<b>3. ESTIMATED TOTAL CAPACITY (GALLONS)</b>					
<b>4. MATERIAL OF CONSTRUCTION</b> (Check One) Steel Concrete Fiberglass Reinforced Plastic Other (specify) Unknown					
<b>5. INTERNAL PROTECTION</b> (Check all that apply) Cathodic Protection Interior Lining (e.g., epoxy resins) Other (specify) None Unknown					

	Tank No. ____	Tank No. ____	Tank No. ____	Tank No. ____	Tank No. ____
<b>6. EXTERNAL PROTECTION</b> (Check all that apply)					
Cathodic Protection					
Painted (e.g., asphaltic)					
Fiberglass Reinforced Plastic Coated					
Other (specify)					
None					
Unknown					
<b>7. PIPING</b> (Check all that apply)					
Bare Steel					
Galvanized Steel					
Fiberglass Reinforced Plastic					
Cathodically Protected					
Other (specify)					
Unknown					
<b>8. SUBSTANCE CURRENTLY OR LAST STORED IN GREATEST QUANTITY BY VOLUME</b>					
a. Empty					
b. Petroleum					
Gasoline (including alcohol blends)					
Diesel					
Kerosene					
Used Oil					
Other (specify)					
c. Hazardous Substance					
Name of Substance or					
Chemical Abstract Service (CAS) No.					
Check box if tank stores a mixture of substances					
d. Unknown					
<b>9. ADDITIONAL INFORMATION (FOR TANKS PERMANENTLY TAKEN OUT OF SERVICE)</b>					
a. Estimated date last used (mo/yr)					
b. Estimated quantity of substance remaining (gal.)					
c. Check box if tank was filled with inert material (e.g., sand, concrete)					
d. Check box if tank was removed					

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**CERTIFICATION OF COMPLIANCE (COMPLETE FOR ALL NEW TANKS AT THIS LOCATION)**

Tank Owner Name \_\_\_\_\_ Facility Address \_\_\_\_\_

	Tank(s)	Piping
10. RELEASE DETECTION (Specify Tank(s) by No., for piping check all that apply)		
Manual tank gauging.		
Tank tightness testing with inventory controls.		
Automatic tank gauging.		
Vapor monitoring.		
Ground water monitoring.		
Interstitial monitoring within a secondary barrier.		
Interstitial monitoring within secondary containment.		
Automatic line leak detectors.		
Line tightness testing.		
Another method allowed by the implementing agency. Please specify:		
11. CORROSION PROTECTION (Specify Tank(s) by No., for piping check all that apply)		
As specified for coated steel tanks with cathodic protection.		
As specified for coated steel piping with cathodic protection.		
Another method allowed by the implementing agency. Please specify:		
12. I have financial responsibility in accordance with Subpart 1. Please specify:		
Method: _____		
Insurer: _____		
Policy Number: _____		

	Tank(s)	Piping
13. INSTALLATION (Check all that apply)		
The installer has been certified by the tank and piping manufacturers.		
The installer has been certified or licensed by the implementing agency.		
The installation has been inspected and certified by a registered professional engineer.		
The installation has been inspected and approved by the implementing agency.		
All work listed on the manufacturer's installation checklist has been completed.		
Another method was used as allowed by the implementing agency. Please specify:		
14. OATH: I certify that the information concerning installation provided in item 13 is true to the best of my belief and knowledge.		
Installer: _____		
Name	Date	
Position		
Company		

## GENERAL INFORMATION

Notification is required by Federal law for all underground tanks that have been used to store regulated substances since January 1, 1974, and that are in the ground as of May 8, 1986.

The primary purpose of this notification program is to locate and evaluate underground tanks that store or have stored petroleum and hazardous substances. It is expected that the information you provide will be based on reasonably available records, or, in the absence of such records, your knowledge, belief, or recollection.

**Who Must Notify?** Section 9002 of the Resource Conservation and Recovery Act (RCRA), as amended, requires that, unless exempted, owners of underground tanks that store regulated substances must notify designated State or local agencies of the existence of their tanks. Owner means - (a) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances, and (b) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on that date, any person who owned such tank immediately before the discontinuation of its use.

**What Tanks Are Included?** Underground storage tank is defined as any one or combination of tanks that (1) is used to contain an accumulation of "regulated substances" and (2) whose volume (including connected underground piping) is 10% or more beneath the ground. Some examples are: 1. underground tanks storing gasoline, used oil, or diesel fuel; 2. underground tanks storing industrial solvents, pesticides, herbicides or fumigants; 3. underground tanks no longer in operation but which stored regulated substances (petroleum or hazardous substances) since January 1, 1974.

**What Tanks Are Excluded?** Tanks excluded from notification are: 1. farm or residential tanks of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes; 2. tanks used for storing heating oil for consumptive use on the premises where stored; 3. septic tanks; 4. pipeline facilities (including gathering lines) regulated under the Natural Gas Pipeline Safety Act of 1968, or the Hazardous Liquid Pipeline Safety Act of 1979, or which is an intrastate pipeline facility regulated under State laws; 5. surface impoundments, pits, ponds, or lagoons; 6. storm water or waste water collection systems; 7. flow-through process tanks; 8. liquid traps or associated gathering lines directly related to oil or gas production and gathering operations; 9. storage tanks situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

**What Substances Are Covered?** The notification requirements apply to underground storage tanks that contain regulated substances. This includes any substance defined as hazardous in section 101 (14) of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA), with the exception of those substances regulated as hazardous waste under Subtitle C of RCRA. It also includes petroleum, e.g., crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

**When Must One Notify?** 1. Owners of underground storage tanks in use or that have been taken out of operation after January 1, 1974, but still in the ground, must notify by May 8, 1986. 2. Owners who bring underground storage tanks into use after May 8, 1986, must notify within 30 days of bringing the tanks into use.

**What Are The Penalties?** Any owner who knowingly fails to notify or knowingly submits false information shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or for which false information is submitted.

**Where Must One Notify?** North Dakota State Department of Health and Consolidated Laboratories, Division of Waste Management, 1200 Missouri Avenue, Room 502, Box 5520, Bismarck, ND 58502-5520.

## **Appendix II**

### **Statement for Shipping Tickets and Invoices**

Note: A federal law (the Resource Conservation and Recovery Act (RCRA), as amended (Pub. L. 98-616)) requires owners of certain underground storage tanks to notify designated state or local agencies by May 8, 1986, of the existence of their tanks. Notifications for tanks brought into use after May 8, 1986, must be made within thirty days. Consult the environmental protection agency's regulations, issued on November 8, 1985, (40 CFR part 280) to determine if you are affected by this law.